"Circumpolar status of Arctic ptarmigan: Population dynamics and trends"

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"Trap Designs, Colors, and Lures for Emerald Ash Borer Detection"

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"The brighter side of climate change: How local oceanography amplified a lobster boom in the Gulf of Maine"

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"Modelling the multi-scaled nature of pest outbreaks"

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"The predicted effect of the polar vortex of 2019 on winter survival of emerald ash borer and mountain pine beetle"

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"Biomass losses resulting from insect and disease invasions in US forests"

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"Failure to coordinate management in transboundary populations hinders the achievement of national management goals: The case of wolverines in Scandinavia"

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"Arctic greening and bird nest predation risk across tundra ecotones"

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"Linking demographic and food-web models to understand management trade-offs"

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"A practical guide for combining data to model species distributions"

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"Innovations in data integration for modeling populations"

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"Bottom-up and top-down control of small pelagic forage fish: factors affecting age-0 herring in the Strait of Georgia, British Columbia"

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"The collapse and continued low productivity of a keystone forage fish species"

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"Assessing the effect of predator control on an endangered goose population subjected to predator-mediated food web dynamics"

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"Can novel pest outbreaks drive ecosystem transitions in northern-boreal birch forest?"

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"Tree diversity regulates forest pest invasion"

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"FESOM-C v.2: coastal dynamics on hybrid unstructured meshes"

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"Spreading of Vespa velutina in northwestern Spain: influence of elevation and meteorological factors and effect of bait trapping on target and non-target living organisms"

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"Developing an automated iterative near-term forecasting system for an ecological study"

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"Impacts of historical warming on marine fisheries production"

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"Comparison of large-scale citizen science data and long-term study data for phenology modeling"

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"Practical considerations for operationalizing dynamic management tools"

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"Identifying Lookouts for Epidemio-Surveillance: Application to the Emergence of Xylella fastidiosa in France"

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"Declining population trends of European mountain birds"

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"Constructing Priors that Penalize the Complexity of Gaussian Random Fields"

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"Common pathways by which non-native forest insects move internationally and domestically"

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"Eradication and containment of non-native forest insects: successes and failures"

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"Why we love bees and hate wasps"

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"Climate change impacts on the distribution of coastal lobsters"

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"Global pattern of nest predation is disrupted by climate change in shorebirds"

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"A guide to Bayesian model checking for ecologists"

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"Species distribution modeling: a statistical review with focus in spatio-temporal issues"

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"How to improve threatened species management: An Australian perspective"

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"Modeling long-distance dispersal of emerald ash borer in European Russia and prognosis of spread of this pest to neighboring countries within next 5years"

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"Natural mortality augments population fluctuations of forage fish"

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"Biological responses to the press and pulse of climate trends and extreme events"

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"Bridging the spawner-recruit disconnect: trends in American lobster recruitment linked to the pelagic food web"

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"Adaptive management of animal populations with significant unknowns and uncertainties: a case study"

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"First detection of Vespa velutina nigrithorax (Hymenoptera: Vespidae) in the Balearic Islands (Western Mediterranean): a challenging study case"

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"Benthic meltwater fjord habitats formed by rapid glacier recession on King George Island, Antarctica"

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"Inter-decadal variability of phytoplankton biomass along the coastal West Antarctic Peninsula"

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"Spring Onset Predictability in the North American Multimodel Ensemble"

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"Flight capacities of yellow-legged hornet (Vespa velutina nigrithorax, Hymenoptera: Vespidae) workers from an invasive population in Europe"

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"Anticipatory natural resource science and management for a changing future"

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"Spring migration patterns, habitat use, and stopover site protection status for two declining waterfowl species wintering in China as revealed by satellite tracking"

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"Modeling urban distributions of host trees for invasive forest insects in the eastern and central USA: A three-step approach using field inventory data"

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"Feeding ecology of autumn-spawned Atlantic herring (Clupea harengus) larvae in Trinity Bay, Newfoundland: Is recruitment linked to main prey availability?"

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"Agent-based model calibration using machine learning surrogates"

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"Lessons learned from research and surveillance directed at highly pathogenic influenza A viruses in wild birds inhabiting North America"

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"Trends in airborne pollen and pollen-season-related features of anemophilous species in Jaen (south Spain): A 23-year perspective"

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"Model selection using information criteria, but is the \"best\" model any good?"

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"Wild ducks excrete highly pathogenic avian influenza virus H5N8 (2014-2015) without clinical or pathological evidence of disease"

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"Multi-year analysis of distributed glacier mass balance modelling and equilibrium line altitude on King George Island, Antarctic Peninsula"

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"Comparison of Gaussian process modeling software"

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"Parameter optimization for carbon and water fluxes in two global land surface models based on surrogate modelling"

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"Increasing the effectiveness of environmental decision support systems: lessons from climate change adaptation projects in Canada and Australia"

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"Climate change, glacier retreat and a new ice-free island offer new insights on Antarctic benthic responses"

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"A spatiotemporal multispecies model of a semicontinuous response"

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"Re-visiting the drivers of capelin recruitment in Newfoundland since 1991"

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"Can species distribution models really predict the expansion of invasive species?"

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"Species distribution modeling in regions of high need and limited data: waterfowl of China"

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"Predicting Heat Stress to Inform Reef Management: NOAA Coral Reef Watch's 4-Month Coral Bleaching Outlook"

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"Decision Support Frameworks and Tools for Conservation"

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"Predator-prey interactions cause apparent competition between marine zooplankton groups"

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"Customized Software to Streamline Routine Analyses for Wildlife Management"

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"Climate vulnerability and resilience in the most valuable North American fishery"

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"Algorithm for forecasting the total amount of airborne birch pollen from meteorological conditions of previous years"

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"Model-based analysis of the impact of diffuse radiation on CO2 exchange in a temperate deciduous forest"

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"Iterative near-term ecological forecasting: Needs, opportunities, and challenges"

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"Forecasting biodiversity in breeding birds using best practices"

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"ENVIREM: an expanded set of bioclimatic and topographic variables increases flexibility and improves performance of ecological niche modeling"

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"The effect of hook spacing on longline catch rates: Implications for catch rate standardization"

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"On the inconsistency of pollinator species traits for predicting either response to land-use change or functional contribution"

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"HexSim: a modeling environment for ecology and conservation"

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"Succession of Antarctic benthic algae (Potter Cove, South Shetland Islands): structural patterns and glacial impact over a four-year period"

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"Conservation professionals agree on challenges to coexisting with large carnivores but not on solutions"

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"Phylogenetic scale in ecology and evolution"

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"Identification of high risk areas for avian influenza outbreaks in California using disease distribution models"

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"Ecology, Worldwide Spread, and Management of the Invasive South American Tomato Pinworm, Tuta absoluta: Past, Present, and Future"

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"Searching for nests of the invasive Asian hornet (Vespa velutina) using radio-telemetry"

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"Are we ready for the invasion of Tuta absoluta? Unanswered key questions for elaborating an Integrated Pest Management package in Xinjiang, China"

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"Calibrating a Stochastic, Agent-Based Model Using Quantile-Based Emulation"

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"Using experimentation to understand the 10-year snowshoe hare cycle in the boreal forest of North America"

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"Estimates of observer expertise improve species distributions from citizen science data"

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"Air pollution removal by urban forests in Canada and its effect on air quality and human health"

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"Excuse Me, Do You Have a Moment to Talk About Version Control?"

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"Trait matching and phylogeny as predictors of predator-prey interactions involving ground beetles"

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"BETYdb: a yield, trait, and ecosystem service database applied to second-generation bioenergy feedstock production"

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"Ecosystem-based monitoring in the age of rapid climate change and new technologies"

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"Fit to predict? Eco-informatics for predicting the catchability of a pelagic fish in near real time"

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"Long-Term Trends in Weather Severity Indices for Dabbling Ducks in Eastern North America"

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"Prestoration: using species in restoration that will persist now and into the future"

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"Estimating occupancy and abundance using aerial images with imperfect detection"

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"Attributing changes in the distribution of species abundance to weather variables using the example of British breeding birds"

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"Urban trees: bridge-heads for forest pest invasions and sentinels for early detection"

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"Bayesian Methods for Quantifying and Reducing Uncertainty and Error in Forest Models"

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"Implications of Future Northwest Atlantic Bottom Temperatures on the American Lobster (Homarus americanus) Fishery"

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"Interannual bumble bee abundance is driven by indirect climate effects on floral resource phenology"

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"Polar zoobenthos blue carbon storage increases with sea ice losses, because across-shelf growth gains from longer algal blooms outweigh ice scour mortality in the shallows"

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"A Bayesian geostatistical approach to modeling global distributions of Lygodium microphyllum under projected climate warming"

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"Spatio-Temporal model structures with shared components for semi-continuous species distribution modelling"

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"The influence of complex structure on the spatial dynamics of Atlantic cod (Gadus morhua) in the Gulf of Maine"

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"Confronting preferential sampling when analysing population distributions: diagnosis and model-based triage"

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"Ecology of forest insect invasions"

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"Can a multi-model ensemble improve phenology predictions for climate change studies?"

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"Pan-Antarctic analysis aggregating spatial estimates of Adelie penguin abundance reveals robust dynamics despite stochastic noise"

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"Allergenic pollen of ornamental plane trees in a Mediterranean environment and urban planning as a prevention tool"

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"Understanding inter-reach variation in brown trout (Salmo trutta) mortality rates using a hierarchical Bayesian state-space model"

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"Prediction in ecology: a first-principles framework"

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"Pollen exposure and hospitalization due to asthma exacerbations: daily time series in a European city"

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"Understanding the demographic drivers of realized population growth rates"

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"Predicting species distribution combining multi-scale drivers"

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"Prioritizing landscapes for restoration based on spatial patterns of ecosystem controls and plant-plant interactions"

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"Bayesian calibration of terrestrial ecosystem models: a study of advanced Markov chain Monte Carlo methods"

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"System impairment compensation in coherent optical communications by using a bio-inspired detector based on artificial neural network and genetic algorithm"

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"Dynamic patterns of overexploitation in fisheries"

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"Honeybee spillover reshuffles pollinator diets and affects plant reproductive success"

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"Imputation Approaches for Animal Movement Modeling"

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"Modeling Adaptive and Nonadaptive Responses of Populations to Environmental Change"

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"Assessing the quality of bottom water temperatures from the Finite-Volume Community Ocean Model (FVCOM) in the Northwest Atlantic Shelf region"

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"A Case Study on a Combination NDVI Forecasting Model Based on the Entropy Weight Method"

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"An adaptive surrogate modeling-based sampling strategy for parameter optimization and distribution estimation (ASMO-PODE)"

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"Climate change complicates fisheries modeling and management"

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"Cross-validation strategies for data with temporal, spatial, hierarchical, or phylogenetic structure"

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"Beta diversity of herbivorous insects is coupled to high species and phylogenetic turnover of plant communities across short spatial scales in the Cape Floristic Region"

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"Dispersal and establishment limitation slows plant community recovery in post-agricultural longleaf pine savannas"

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"Chronic effects of an invasive species on an animal community"

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"Hosts, parasites and their interactions respond to different climatic variables"

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"Vespa velutina nest distribution at a local scale: An 8-year survey of the invasive honeybee predator"

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"Interpreting variation to advance predictive restoration science"

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"A new forest pest in Europe: a review of Emerald ash borer (Agrilus planipennis) invasion"

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"The modelling spiral for solving 'wicked' environmental problems: guidance for stakeholder involvement and collaborative model development"

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"Leveraging 35 years of Pinus taeda research in the southeastern US to constrain forest carbon cycle predictions: regional data assimilation using ecosystem experiments"

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"Predicting the spread of the Asian hornet (Vespa velutina) following its incursion into Great Britain"

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"Linking models across scales to assess the viability and restoration potential of a threatened population of steelhead (Oncorhynchus mykiss) in the Middle Fork John Day River, Oregon, USA"

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"Regime shifts in fish recruitment on the Northeast US Continental Shelf"

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"Bayesian joint models with INLA exploring marine mobile predator-prey and competitor species habitat overlap"

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"Recent upgrades of the harmonic radar for the tracking of the Asian yellow-legged hornet"

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"Dynamic models in research and management of biological invasions"

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"Dendroclimatology and historical climatology of Voronezh region, European Russia, since 1790s"

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"A comparison of neural network-based predictions of foF2 with the IRI-2012 model at conjugate points in Southeast Asia"

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"Shift in tuna catches due to ocean warming"

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"Confronting the risks of large-scale invasive species control"

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"Meltwater as a source of potentially bioavailable iron to Antarctica waters"

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"Dynamism in the upstream invasion edge of a freshwater fish exposes range boundary constraints"

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"The application of Bayesian hierarchical models to quantify individual diet specialization"

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"Integrating count and detection-nondetection data to model population dynamics"

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"Linking macroecology and community ecology: refining predictions of species distributions using biotic interaction networks"

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"The ecology of avian influenza viruses in wild dabbling ducks (Anas spp.) in Canada"

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"The warm Blob in the northeast Pacific-the bridge leading to the 2015/16 El Nino"

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"Do we need demographic data to forecast plant population dynamics?"

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"Invasion dynamics of Asian hornet, Vespa velutina (Hymenoptera: Vespidae): a case study of a commune in south-west France"

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"The cost of migratory prey: seasonal changes in semi-domestic reindeer distribution influences breeding success of Eurasian lynx in northern Norway"

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"When mechanism matters: Bayesian forecasting using models of ecological diffusion"

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"Assessing the evidence for stakeholder engagement in biodiversity conservation"

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"Assessing allergenicity in urban parks: A nature-based solution to reduce the impact on public health"

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"Circumpolar analysis of the Adelie Penguin reveals the importance of environmental variability in phenological mismatch"

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"Using spatio-temporal models of population growth and movement to monitor overlap between human impacts and fish populations"

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"Reproducibility of computational workflows is automated using continuous analysis"

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"A win-win strategy for ecological restoration and biodiversity conservation in Southern China"

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"The value of soil respiration measurements for interpreting and modeling terrestrial carbon cycling"

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"Predicting the spread of all invasive forest pests in the United States"

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"Network analysis reveals why Xylella fastidiosa will persist in Europe"

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"Precipitation drives global variation in natural selection"

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"Higher-order interactions capture unexplained complexity in diverse communities"

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"Modeling nonbreeding distributions of shorebirds and waterfowl in response to climate change"

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"Understanding the link between sea ice, ice scour and Antarctic benthic biodiversity-the need for cross-station and international collaboration"

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"Integrated population modeling reveals the impact of climate on the survival of juvenile emperor penguins"

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"Persistent bill and corolla matching despite shifting temporal resources in tropical hummingbird-plant interactions"

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"Interaction rewiring and the rapid turnover of plant-pollinator networks"

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"The Next Decade of Big Data in Ecosystem Science"

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"Estimation of Community Land Model parameters for an improved assessment of net carbon fluxes at European sites"

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"Recent regional climate cooling on the Antarctic Peninsula and associated impacts on the cryosphere"

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"Restoring tropical forests from the bottom up"

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"Calibration of Stochastic Computer Simulators Using Likelihood Emulation"

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"Assessing conditions influencing the longitudinal distribution of exotic brown trout (Salmo trutta) in a mountain stream: a spatially-explicit modeling approach"

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"Regional assessment of emerald ash borer, Agrilus planipennis, impacts in forests of the Eastern United States"

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"Modeling pollen time series using seasonal-trend decomposition procedure based on LOESS smoothing"

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"An integrated data model to estimate spatiotemporal occupancy, abundance, and colonization dynamics"

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"Enhancing interoperability to facilitate implementation of REDD plus : case study of Mexico"

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"Rapid spread of the invasive yellow-legged hornet in France: the role of human-mediated dispersal and the effects of control measures"

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"Consistent negative response of US crops to high temperatures in observations and crop models"

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"The Roles of Sea-Ice, Light and Sedimentation in Structuring Shallow Antarctic Benthic Communities"

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"A guide to multi-objective optimization for ecological problems with an application to cackling goose management"

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"Reversal of a cyanobacterial bloom in response to early warnings"

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"Quantifying camouflage: how to predict detectability from appearance"

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"Invasive amphibians in southern Africa: A review of invasion pathways"

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"Invasion Dynamics"

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"Ornamental Flora and Allergenic Potential in Urban Green Spaces. Comparison in Parks of the Town of Toledo"

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"ZOOPLANKTON COMMUNITY STRUCTURE IN SMALL PONDS IN RELATION TO FISH COMMUNITY AND ENVIRONMENTAL FACTORS"

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"Process-Based Models of Phenology for Plants and Animals"

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"When is it acceptable to kill a strictly protected carnivore? Exploring the legal constraints on wildlife management within Europe's Bern Convention"

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"Challenges of managing a European brown bear population; lessons from Sweden, 1943-2013"

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"Variable vital rates and the risk of population declines in Adelie penguins from the Antarctic Peninsula region"

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"Impact assessment with different scoring tools: How well do alien amphibian assessments match?"

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"Impact of traffic-related air pollution on the expression of Platanus orientalis pollen allergens"

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"The priority of prediction in ecological understanding"

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"Effects of hummingbird morphology on specialization in pollination networks vary with resource availability"

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"Climatic Changes in the East-European Forest-Steppe and Effects on Scots Pine Productivity"

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"Dietary Niche Shifts of Multiple Marine Predators under Varying Prey Availability on the Northeast Newfoundland Coast"

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"Lessons from the First Generation of Marine Ecological Forecast Products"

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"Describe, understand and predict: why do we need networks in ecology?"

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"Sampling networks of ecological interactions"

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"A common framework for identifying linkage rules across different types of interactions"

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"Dynamic species co-occurrence networks require dynamic biodiversity surrogates"

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"Fitting state-space integral projection models to size-structured time series data to estimate unknown parameters"

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"Submarine landforms related to glacier retreat in a shallow Antarctic fjord"

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"LANDSCAPE DEMOGRAPHY: POPULATION CHANGE AND ITS DRIVERS ACROSS SPATIAL SCALES"

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"Modeling the risk of invasion and spread of Tuta absoluta in Africa"

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"Similar estimates of temperature impacts on global wheat yield by three independent methods"

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"Pathway models for analysing and managing the introduction of alien plant pests-an overview and categorization"

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"Informing management with monitoring data: the value of Bayesian forecasting"

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"The Conundrum of Heteroceneities in Life History Studies"

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"Spread of the invasive yellow-legged hornet Vespa velutina (Hymenoptera: Vespidae) in Italy"

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"An evaluation of the state of spatial point pattern analysis in ecology"

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"Measuring partner choice in plant-pollinator networks: using null models to separate rewiring and fidelity from chance"

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"Survival of early life history stages of Arctic kelps (Kongsfjorden, Svalbard) under multifactorial global change scenarios"

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"Changes in kelp forest biomass and depth distribution in Kongsfjorden, Svalbard, between 1996-1998 and 2012-2014 reflect Arctic warming"

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"Assessing the role of climate and resource management on groundwater dependent ecosystem changes in arid environments with the Landsat archive"

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"Sick birds don't fly ... or do they?"

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"Consistent assimilation of multiple data streams in a carbon cycle data assimilation system"

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"Forecasting climate change impacts on plant populations over large spatial extents"

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"Does habitat unpredictability promote the evolution of a colonizer syndrome in amphibian metapopulations?"

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"Spring temperatures influence selection on breeding date and the potential for phenological mismatch in a migratory bird"

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"On the integration of biotic interaction and environmental constraints at the biogeographical scale"

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"Niche partitioning due to adaptive foraging reverses effects of nestedness and connectance on pollination network stability"

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"Cattle stocking rates estimated in temperate intensive grasslands with a spring growth model derived from MODIS NDVI time-series"

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"Regional forecast model for the Olea pollen season in Extremadura (SW Spain)"

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"Forecast model of allergenic hazard using trends of Poaceae airborne pollen over an urban area in SW Iberian Peninsula (Europe)"

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"Long-term population demographics of native brook trout following manipulative reduction of an invader"

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"Improving the forecast for biodiversity under climate change"

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"On nearest-neighbor Gaussian process models for massive spatial data"

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"Combining statistical inference and decisions in ecology"

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"Analog forecasting with dynamics-adapted kernels"

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"Emulator-assisted data assimilation in complex models"

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"Disentangling fragmentation effects on herbivory in understory plants of longleaf pine savanna"

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"Density dependence in an age-structured population of great tits: identifying the critical age classes"

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"A life-history perspective on the demographic drivers of structured population dynamics in changing environments"

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"A global assessment of alien amphibian impacts in a formal framework"

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"Projected wetland densities under climate change: habitat loss but little geographic shift in conservation strategy"

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"Threshold quantification and short-term forecasting of Anabaena, Aphanizomenon and Microcystis in the polymictic eutrophic Lake Muggelsee (Germany) by inferential modelling using the hybrid evolutionary algorithm HEA"

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"Detecting failure of climate predictions"

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"Information leverage in interconnected ecosystems: Overcoming the curse of dimensionality"

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"The ravages of guns, nets and bulldozers"

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"Mortality and lamb body mass growth in free-ranging domestic sheep - environmental impacts including lethal and non-lethal impacts of predators"

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"MANAGEMENT STRATEGY EVALUATION OF PHEROMONE-BAITED TRAPPING TECHNIQUES TO IMPROVE MANAGEMENT OF INVASIVE SEA LAMPREY"

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"Using empirical models of species colonization under multiple threatening processes to identify complementary threat-mitigation strategies"

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"A comparison of absolute performance of different correlative and mechanistic species distribution models in an independent area"

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"Global threats from invasive alien species in the twenty-first century and national response capacities"

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"Co-Adaptation Is Key to Coexisting with Large Carnivores"

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"Coexistence with Large Carnivores Informed ay Community Ecology"

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"Absence of 21st century warming on Antarctic Peninsula consistent with natural variability"

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"On the applicability of surrogate-based Markov chain Monte Carlo-Bayesian inversion to the Community Land Model: Case studies at flux tower sites"

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"Ocean forcing of glacier retreat in the western Antarctic Peninsula"

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"Unpacking the mechanisms captured by a correlative species distribution model to improve predictions of climate refugia"

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"Projected asymmetric response of Adelie penguins to Antarctic climate change"

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"Temperature-dependent growth and behavior of juvenile Arctic cod (Boreogadus saida) and co-occurring North Pacific gadids"

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"Shedding light on the effects of climate change on the potential distribution of Xylella fastidiosa in the Mediterranean basin"

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"Minimum required number of specimen records to develop accurate species distribution models"

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"Assessing the sensitivity of avian species abundance to land cover and climate"

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"Management strategy evaluation: best practices"

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"Cropping frequency and area response to climate variability can exceed yield response"

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"Quantitative evidence for the effects of multiple drivers on continental-scale amphibian declines"

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"Modeling when, where, and how to manage a forest epidemic, motivated by sudden oak death in California"

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"Crowdsourcing City Government: Using Tournaments to Improve Inspection Accuracy"

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"Tick-, mosquito-, and rodent-borne parasite sampling designs for the National Ecological Observatory Network"

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"A mass-conserving advection scheme for offline simulation of scalar transport in coastal ocean models"

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"Cecil: A Moment or a Movement? Analysis of Media Coverage of the Death of a Lion, Panthera leo"

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"Modularity, pollination systems, and interaction turnover in plant-pollinator networks across space"

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"Combining trade data and niche modelling improves predictions of the origin and distribution of non-native European populations of a globally invasive species"

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"Quercus long-term pollen season trends in the southwest of the Iberian Peninsula"

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"Community dynamics under environmental change: How can next generation mechanistic models improve projections of species distributions?"

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"Estimating local spread of recently established emerald ash borer, Agrilus planipennis, infestations and the potential to influence it with a systemic insecticide and girdled ash trees"

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"Airborne pollen trends in the Iberian Peninsula"

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"Invasive species triggers a massive loss of ecosystem services through a trophic cascade"

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"A biophysical representation of seagrass growth for application in a complex shallow-water biogeochemical model"

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"Are migratory behaviours of bats socially transmitted?"

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"Placing invasive species management in a spatiotemporal context"

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"Design of an harmonic radar for the tracking of the Asian yellow-legged hornet"

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"Temporal and interspecific variation in rates of spread for insect species invading Europe during the last 200 years"

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"The Relationship between Elevation Roughness and Tornado Activity: A Spatial Statistical Model Fit to Data from the Central Great Plains"

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"Monitoring snow and ice surfaces on King George Island, Antarctic Peninsula, with high-resolution TerraSAR-X time series"

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"Remote-sensing reflectance and true colour produced by a coupled hydrodynamic, optical, sediment, biogeochemical model of the Great Barrier Reef, Australia: Comparison with satellite data"

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"Seasonal forecasting for decision support in marine fisheries and aquaculture"

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"Sampling bias is a challenge for quantifying specialization and network structure: lessons from a quantitative niche model"

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"Impact of land cover changes and climate on the main airborne pollen types in Southern Spain"

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"Optimizing Surveillance for South American Origin Influenza A Viruses Along the United States Gulf Coast Through Genomic Characterization of Isolates from Blue-winged Teal (Anas discors)"

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"Contribution of Antarctica to past and future sea-level rise"

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"Do Landscape Structure and Socio-Economic Variables Explain the Solidago Invasion?"

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"Building the team for team science"

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"Impacts of harvesting on brine shrimp (Artemia franciscana) in Great Salt Lake, Utah, USA"

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"The structure of probabilistic networks"

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"A model-based approach for analog spatio-temporal dynamic forecasting"

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"Going off grid: computationally efficient inference for log-Gaussian Cox processes"

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"Which design elements of individual quota fisheries help to achieve management objectives?"

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"Des differences, pourquoi? Transmission, maintenance and effects of phenotypic variance"

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"Contrasting effects of spatial heterogeneity and environmental stochasticity on population dynamics of a perennial wildflower"

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"Characterisation of the airborne pollen spectrum in Guadalajara (central Spain) and estimation of the potential allergy risk"

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"Technical challenges in the application of adaptive management"

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"High fitness costs of climate change-induced camouflage mismatch"

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"Changes in yield variability of major crops for 1981-2010 explained by climate change"

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"Ecosystem processes are rarely included in tactical fisheries management"

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"Decadal reanalysis of biogeochemical indicators and fluxes in the North West European shelf-sea ecosystem"

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"Stochastic parameterizations of biogeochemical uncertainties in a 1/4 degrees NEMO/PISCES model for probabilistic comparisons with ocean color data"

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"Evaluating phenological models for the prediction of leaf-out dates in six temperate tree species across central Europe"

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"Statistical regression models for assessing climate impacts on crop yields: A validation study for winter wheat and silage maize in Germany"

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"Matching-centrality decomposition and the forecasting of new links in networks"

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"Stigmergy, collective actions, and animal social spacing (vol 110, pg 16904, 2013)"

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"The current status of the quick decline syndrome of olive in southern Italy"

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"Predicting invasiveness of species in trade: climate match, trophic guild and fecundity influence establishment and impact of non-native freshwater fishes"

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"A new model for ecological networks using species-level traits"

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"The exposure of the Great Barrier Reef to ocean acidification"

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"Prioritizing species, pathways, and sites to achieve conservation targets for biological invasion"

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"Slow recovery of tropical old-field rainforest regrowth and the value and limitations of active restoration"

OR

"An overview of available crop growth and yield models for studies and assessments in agriculture"

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"Quantifying demographic uncertainty: Bayesian methods for integral projection models"

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"The olive quick decline syndrome in south-east Italy: a threatening phytosanitary emergency"

OR

"Multiscale modeling of spring phenology across Deciduous Forests in the Eastern United States"

OR

"Temporal modelling and forecasting of the airborne pollen of Cupressaceae on the southwestern Iberian Peninsula"

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"cooccur: Probabilistic Species Co-Occurrence Analysis in R"

OR

"Satellite remote sensing to monitor species diversity: potential and pitfalls"

OR

"Dynamic ocean management increases the efficiency and efficacy of fisheries management"

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"Extending and improving regionalized winter wheat and silage maize yield regression models for Germany: Enhancing the predictive skill by panel definition through cluster analysis"

OR

"Tracking and forecasting ecosystem interactions in real time"

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"Holocene shifts in the assembly of plant and animal communities implicate human impacts"

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"Risk Analysis and Bioeconomics of Invasive Species to Inform Policy and Management"

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"Modeling the risk of spread and establishment for Asian longhorned beetle (Anoplophora glabripennis) in Massachusetts from 2008-2009"

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"Physical and biogeochemical spatial scales of variability in the East Australian Current separation from shelf glider measurements"

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"A global scale mechanistic model of photosynthetic capacity (LUNA V1.0)"

OR

"Comparing fixed and flexible stocking as adaptations to inter-annual rainfall variability in the extensive beef industry of northern Australia"

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"The impact of changing climate and abundance on reproduction in an ice-dependent species, the Northwest Atlantic harp seal, Pagophilus groenlandicus"

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"Visual Informatics Tools for Supporting Large-Scale Collaborative Wildlife Monitoring with Citizen Scientists"

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"Coordinated Semidirectional Distributed Antenna System with Capacity and Energy Efficiency Analyses for Cloud Cellular Network"

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"Rangeland Monitoring Reveals Long-term Plant Responses to Precipitation and Grazing at the Landscape Scale"

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"Eradication of Invading Insect Populations: From Concepts to Applications"

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"Differential climate impacts for policy-relevant limits to global warming: the case of 1.5 degrees C and 2 degrees C"

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"Markov chain Monte Carlo simulation using the DREAM software package: Theory, concepts, and MATLAB implementation"

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"Influences of sampling effort on detected patterns and structuring processes of a Neotropical plant-hummingbird network"

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"Bayesian Optimization for Likelihood-Free Inference of Simulator-Based Statistical Models"

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"XGBoost: A Scalable Tree Boosting System"

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"Potential distribution of Xylella fastidiosa in Italy: a maximum entropy model"

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"Photosynthetic light requirements and vertical distribution of macroalgae in newly ice-free areas in Potter Cove, South Shetland Islands, Antarctica"

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"Questionable policy for large carnivore hunting"

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"Effect of land uses and wind direction on the contribution of local sources to airborne pollen"

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"Projecting climate change impacts on grain maize based on three different crop model approaches"

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"Forecasting the Effects of Fertility Control on Overabundant Ungulates: White-Tailed Deer in the National Capital Region"

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"Effects of threat management interactions on conservation priorities"

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"Statistical Projections of Ocean Climate Indices off Newfoundland and Labrador"

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"Using multiple remote sensing perspectives to identify and attribute land surface dynamics in Central Asia 2001-2013"

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"Autocorrelated error in stock assessment estimates: Implications for management strategy evaluation"

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"Caste differentiation and seasonal changes in Vespa velutina (Hym.: Vespidae) colonies in its introduced range"

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"Benchmarking state-of-the-art classification algorithms for credit scoring: An update of research"

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"Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery"

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"State-space modeling to support management of brucellosis in the Yellowstone bison population"

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"Cost-effective ecological restoration"

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"Dispersal and establishment filters influence the assembly of restored prairie plant communities"

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"The Battle of Olives"

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"Compensatory immigration counteracts contrasting conservation strategies of wolverines (Gulo gulo) within Scandinavia"

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"Challenges and opportunities in harnessing satellite remote-sensing for biodiversity monitoring"

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"Priority threat management of invasive animals to protect biodiversity under climate change"

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"The macroecology of phylogenetically structured hummingbird-plant networks"

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"Climate change and glacier retreat drive shifts in an Antarctic benthic ecosystem"

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"Optimal allocation of invasive species surveillance with the maximum expected coverage concept"

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"Differential contribution of demographic rate synchrony to population synchrony in barn swallows"

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"On Extrapolating Past the Range of Observed Data When Making Statistical Predictions in Ecology"

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"Distinguishing time-delayed causal interactions using convergent cross mapping"

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"Comparison of two inversion methods for leaf area index using HJ-1 satellite data in a temperate meadow steppe"

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"Ecological Networks in Stored Grain: Key Postharvest Nodes for Emerging Pests, Pathogens, and Mycotoxins"

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"Abundance models improve spatial and temporal prioritization of conservation resources"

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"The influence of habitat fragmentation on multiple plant-animal interactions and plant reproduction"

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"REVIEW: Predictive ecology in a changing world"

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"Fitting Linear Mixed-Effects Models Using lme4"

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"Will remote sensing shape the next generation of species distribution models?"

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"Predicting environmental drivers for prawn aquaculture production to aid improved farm management"

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"Seasonal forecasting of tuna habitat in the Great Australian Bight"

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"Early detection surveillance for an emerging plant pathogen: a rule of thumb to predict prevalence at first discovery"

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"The quiet revolution of numerical weather prediction"

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"Learn-as-you-go acceleration of cosmological parameter estimates"

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"Textural and geochemical characteristics of off shore sediment of North Bay of Bengal: A statistical approach for marine metal pollution"

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"New proposed method for prediction of reservoir sedimentation distribution"

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"Adsorption behaviors of acetaminophen onto sediment in the Weihe River, Shaanxi, China"

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"Spatial and Spatio-Temporal Models for Modeling Epidemiological Data with Excess Zeros"

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"Searching for the best bet in life-strategy: A quantitative approach to individual performance and population dynamics in reef-building corals"

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"Invasive toads shift predator-prey densities in animal communities by removing top predators"

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"Estimating immigration using a Bayesian integrated population model: choice of parametrization and priors"

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"In search of the gap: temporal and spatial dynamics of settling in natal common tern recruits"

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"Successful eradication of the non-native loricariid catfish Pterygoplichthys disjunctivus from the Rainbow River, Florida"

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"Seasonal sea surface temperature anomaly prediction for coastal ecosystems"

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"Fishing, fast growth and climate variability increase the risk of collapse"

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"Memory Effects on Movement Behavior in Animal Foraging"

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"Identification and Risk Assessment for Worldwide Invasion and Spread of Tuta absoluta with a Focus on Sub-Saharan Africa: Implications for Phytosanitary Measures and Management"

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"Where does environmental stochasticity most influence population dynamics? An assessment along a regional core-periphery gradient for prairie breeding ducks"

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"The influence of temperature on the flight capacity of emerald ash borer Agrilus planipennis and its parasitoid, Tetrastichus planipennisi: implications to biological control"

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"A better measure of relative prediction accuracy for model selection and model estimation"

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"Agree on biodiversity metrics to track from space"

OR

"The Dry Season Shuffle: Gorges Provide Refugia for Animal Communities in Tropical Savannah Ecosystems"

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"The Tao of open science for ecology"

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"SURVEY FOR THE PRESENCE OF XYLELLA FASTIDIOSA subsp PAUCA (STRAIN CoDiRO) IN SOME FORESTRY AND ORNAMENTAL SPECIES IN THE SALENTO PENINSULA"

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"A comprehensive coastal seabird survey maps out the front lines of ecological change on the western Antarctic Peninsula"

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"Factors affecting adoption of improved management practices in the pastoral industry in Great Barrier Reef catchments"

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"The pitfalls of ecological forecasting"

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"The ecological forecast horizon, and examples of its uses and determinants"

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"American lobster nurseries of southern New England receding in the face of climate change"

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"Space-use behaviour of woodland caribou based on a cognitive movement model"

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"Food-web stability signals critical transitions in temperate shallow lakes"

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"Successional dynamics in Neotropical forests are as uncertain as they are predictable"

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"Terrestrial animal tracking as an eye on life and planet"

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"Natural selection on floral morphology can be influenced by climate"

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"Scientists blamed for olive-tree ruin"

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"Well-balanced numerical modelling of non-uniform sediment transport in alluvial rivers"

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"Context-oriented model validation of individual-based models in ecology: A hierarchically structured approach to validate qualitative, compositional and quantitative characteristics"

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"Climate-change adaptation on rangelands: linking regional exposure with diverse adaptive capacity"

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"Vulnerability of Antarctic shallow invertebrate-dominated ecosystems"

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"Methods for freshwater riverine input into regional ocean models"

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"On formally integrating science and policy: walking the walk"

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"The IPBES Conceptual Framework - connecting nature and people"

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"Using ecosystem experiments to improve vegetation models"

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"A model to forecast the risk periods of Plantago pollen allergy by using the ANN methodology"

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"Fishing amplifies forage fish population collapses"

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"Species fluctuations sustained by a cyclic succession at the edge of chaos"

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"Nonlinearity and chaos in ecological dynamics revisited"

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"Causes and impacts of the 2014 warm anomaly in the NE Pacific"

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"Enhancing ecosystem restoration efficiency through spatial and temporal coordination"

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"FOOD SECURITY Italy's olives under siege"

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"Winter teleconnections can predict the ensuing summer European crop productivity"

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"Quantifying hummingbird preference for floral trait combinations: The role of selection on trait interactions in the evolution of pollination syndromes"

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"Active open boundary forcing using dual relaxation time-scales in downscaled ocean models"

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"The impact of climate extremes and irrigation on US crop yields"

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"Community assembly, coexistence and the environmental filtering metaphor"

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"Predictability of the terrestrial carbon cycle"

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"Can we predict habitat quality from space? A multi-indicator assessment based on an automated knowledge-driven system"

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"Top-down and bottom-up forces interact at thermal range extremes on American lobster"

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"Causal feedbacks in climate change"

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"Completion of the 2011 National Land Cover Database for the Conterminous United States - Representing a Decade of Land Cover Change Information"

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"A comparison of supervised, unsupervised and synthetic land use classification methods in the north of Iran"

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"Anchored in 'average thinking' in studies of arid rangeland dynamics - The need for a step forward from traditional measures of variability"

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"Deciphering the Venomic Transcriptome of Killer-Wasp Vespa velutina"

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"Distinct invasion strategies operating within a natural annual plant system"

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"A conceptual framework for studying the strength of plant-animal mutualistic interactions"

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"Demographic changes following mechanical removal of exotic brown trout in an Intermountain West (USA), high-elevation stream"

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"Predicting ecosystem functions from biodiversity and mutualistic networks: an extension of trait-based concepts to plant-animal interactions"

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"Point process models for presence-only analysis"

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"Bias correction in species distribution models: pooling survey and collection data for multiple species"

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"Species traits and abundances predict metrics of plant-pollinator network structure, but not pairwise interactions"

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"Equation-free modeling unravels the behavior of complex ecological systems"

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"Equation-free mechanistic ecosystem forecasting using empirical dynamic modeling"

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"Dynamical evidence for causality between galactic cosmic rays and interannual variation in global temperature"

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"Climatic controls on the interannual to decadal variability in Saudi Arabian dust activity: Toward the development of a seasonal dust prediction model"

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"Underestimated role of East Atlantic-West Russia pattern on Amazon vegetation productivity"

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"Geographical variation in mutualistic networks: similarity, turnover and partner fidelity"

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"MotionMeerkat: integrating motion video detection and ecological monitoring"

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"Quantifying ecological memory in plant and ecosystem processes"

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"Predicting changes in the distribution and abundance of species under environmental change"

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"Thirteen challenges in modelling plant diseases"

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"Beyond species loss: the extinction of ecological interactions in a changing world"

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"Numerical modelling of channel migration with application to laboratory rivers"

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"Beyond species: why ecological interaction networks vary through space and time"

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"A whole-lake experiment to control invasive rainbow smelt (Actinoperygii, Osmeridae) via overharvest and a food web manipulation"

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"Prediction, precaution, and policy under global change"

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"Using Species Distribution Model to Estimate the Wintering Population Size of the Endangered Scaly-Sided Merganser in China"

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"The role of global trade and transport network topology in the human-mediated dispersal of alien species"

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"A guide to Bayesian model selection for ecologists"

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"Simulating the impact of extreme heat and frost events on wheat crop production: A review"

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"Unprecedented 21st century drought risk in the American Southwest and Central Plains"

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"Predicting future thermal habitat suitability of competing native and invasive fish species: from metabolic scope to oceanographic modelling"

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"Climate forcing datasets for agricultural modeling: Merged products for gap-filling and historical climate series estimation"

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"Loss of animal seed dispersal increases extinction risk in a tropical tree species due to pervasive negative density dependence across life stages"

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"Marine regime shifts around the globe: theory, drivers and impacts"

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"URBAN AGRICULTURE AND SHORT CHAIN FOOD MARKETING IN DEVELOPING COUNTRIES"

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"Modern perspectives on statistics for spatio-temporal data"

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"Trends and climatic sensitivities of vegetation phenology in semiarid and arid ecosystems in the US Great Basin during 1982-2011"

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"Some thoughts on best publishing practices for scientific software"

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"Assessing vegetation structure and ANPP dynamics in a grassland-shrubland Chihuahuan ecotone using NDVI-rainfall relationships"

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"The influence of the North Atlantic Oscillation and El Nino-Southern Oscillation on mean and extreme values of column ozone over the United States"

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"sp Timer: Spatio-Temporal Bayesian Modeling Using R"

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"Predation on native sculpin by exotic brown trout exceeds that by native cutthroat trout within a mountain watershed (Logan, UT, USA)"

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"A retrospective evaluation of the Barents Sea capelin management advice"

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"Impacts from Invasive Reptiles and Amphibians"

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"Capturing optically important constituents and properties in a marine biogeochemical and ecosystem model"

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"Competitive interactions among multiple non-native salmonids and two populations of Atlantic salmon"

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"Scientific Opinion on the risk to plant health posed by Xylella fastidiosa in the EU territory, with the identification and evaluation of risk reduction options"

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"Building the capacity for forecasting marine biogeochemistry and ecosystems: recent advances and future developments"

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"Bayesian Spatial Modelling with R-INLA"

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"Proximate cues to phases of movement in a highly dispersive waterfowl, Anas superciliosa"

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"Physiological plasticity increases resilience of ectothermic animals to climate change"

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"Climate variation explains a third of global crop yield variability"

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"Development of Abundance Indices for Atlantic Cod and Cusk in the Coastal Gulf of Maine from their Bycatch in the Lobster Fishery"

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"Historic and Contemporary Status of Sea Otters in the North Pacific"

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"The Use of Quantitative Models in Sea Otter Conservation"

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"Bayesian Calibration of the Community Land Model Using Surrogates"

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"Recovery of large carnivores in Europe's modern human-dominated landscapes"

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"IMOS National Reference Stations: A Continental-Wide Physical, Chemical and Biological Coastal Observing System"

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"The Temporal Spectrum of Adult Mosquito Population Fluctuations: Conceptual and Modeling Implications"

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"Models to predict the distribution and abundance of breeding ducks in Canada"

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"Determinants of the microstructure of plant-pollinator networks"

OR

"Morphological traits determine specialization and resource use in plant-hummingbird networks in the neotropics"

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"On using integral projection models to generate demographically driven predictions of species' distributions: development and validation using sparse data"

OR

"Parameter Optimization Algorithms for Evolving Rule Models Applied to Freshwater Ecosystems"

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"Community-wide mesocarnivore response to partial ungulate migration"

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"Using Strategic Foresight to Assess Conservation Opportunity"

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"High-altitude multi-taskers: bumble bee food plant use broadens along an altitudinal productivity gradient"

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"Coral community responses to declining water quality: Whitsunday Islands, Great Barrier Reef, Australia"

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"Complex dynamics may limit prediction in marine fisheries"

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"Social wasp trapping in north west Italy: comparison of different bait-traps and first detection of Vespa velutina"

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"What do we gain from simplicity versus complexity in species distribution models?"

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"Tree phenology responses to winter chilling, spring warming, at north and south range limits"

OR

"Improving the assessment and reporting on rare and endangered species through species distribution models"

OR

"Goodness-of-fit of integrated population models using calibrated simulation"

OR

"Sand mining and increasing Poyang Lake's discharge ability: A reassessment of causes for lake decline in China"

OR

"The straight and narrow path: the evolution of straight-line dispersal at a cane toad invasion front"

OR

"Factors influencing water level changes in China's largest freshwater lake, Poyang Lake, in the past 50 years"

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"NEW HOSTS OF XYLELLA FASTIDIOSA STRAIN CoDiRO IN APULIA"

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"On the Seasonal Forecasting of Regional Tropical Cyclone Activity"

OR

"Model ensemble for the simulation of plankton community dynamics of Lake Kinneret (Israel) induced from in situ predictor variables by evolutionary computation"

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"Morphological and Spatio-Temporal Mismatches Shape a Neotropical Savanna Plant-Hummingbird Network"

OR

"The potential for indirect effects between co-flowering plants via shared pollinators depends on resource abundance, accessibility and relatedness"

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"Learning about physical parameters: the importance of model discrepancy"

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"ENMeval: An R package for conducting spatially independent evaluations and estimating optimal model complexity for MAXENT ecological niche models"

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"Understanding predictive information criteria for Bayesian models"

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"Impacts of the invasive cane toad on aquatic reptiles in a highly modified ecosystem: the importance of replicating impact studies"

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"Influence of peak flow changes on the macroinvertebrate drift downstream of a Brazilian hydroelectric dam"

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"Assessing the Risk of Persistent Drought Using Climate Model Simulations and Paleoclimate Data"

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"Model to manage and reduce crown-of-thorns starfish outbreaks"

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"Are Flying-Foxes Coming to Town? Urbanisation of the Spectacled Flying-Fox (Pteropus conspicillatus) in Australia"

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"Inferring species roles in metacommunity structure from species co-occurrence networks"

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"First global census of the Adelie Penguin"

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"The role of predation and food limitation on claims for compensation, reindeer demography and population dynamics"

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"Evidence for Seasonal Patterns in the Relative Abundance of Avian Influenza Virus Subtypes in Blue-Winged Teal (Anas discors)"

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"Movement rules for juvenile steelhead: dynamic linking of movement behaviour to habitat and density"

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"Moving Beyond Science to Protect a Mammalian Migration Corridor"

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"Distribution and characteristics of marine habitats in a subpolar bay based on hydroacoustics and bed shear stress estimates-Potter Cove, King George Island, Antarctica"

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"Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota"

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"Fisheries management under climate and environmental uncertainty: control rules and performance simulation"

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"Modelling and forecasting stock-recruitment: current and future perspectives"

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"Tracking Interannual Streamflow Variability with Drought Indices in the U.S. Pacific Northwest"

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"Climate model simulations of the observed early-2000s hiatus of global warming"

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"Seasonal aspects of the recent pause in surface warming"

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"Adaptive Management and the Value of Information: Learning Via Intervention in Epidemiology"

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"A spatio-temporal Poisson hurdle point process to model wildfires"

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"An evaluation of adaptive surrogate modeling based optimization with two benchmark problems"

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"The role of harp seals, fisheries and food availability in driving the dynamics of northern cod"

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"An investigation of enhanced recessions in Poyang Lake: Comparison of Yangtze River and local catchment impacts"

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"Redox conditions and trace metal cycling in coastal sediments from the maritime Antarctic"

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"Effect of mesoscale eddies and streamers on sardine spawning habitat and recruitment success off Southern and central California"

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"Combined effects of exploitation and temperature on fish stocks in the Northeast Atlantic"

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"Community-based, low-tech method of restoring a lost thicket of Acropora corals"

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"Spawning site fidelity by Atlantic cod (Gadus morhua) in the Gulf of Maine: implications for population structure and rebuilding"

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"Consequences of a mismatch between biological and management units on our perception of Atlantic cod off New England"

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"Impacts of seasonal stock mixing on the assessment of Atlantic cod in the Gulf of Maine"

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"Using Forecast and Observed Weather Data to Assess Performance of Forecast Products in Identifying Heat Waves and Estimating Heat Wave Effects on Mortality"

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"Forest Fragmentation Alters the Population Dynamics of a Late-successional Tropical Tree"

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"Strategic foresight: how planning for the unpredictable can improve environmental decision-making"

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"The emerging anthropogenic signal in land-atmosphere carbon-cycle coupling"

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"Conserving mobile species"

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"Spatio-temporal associations of albacore CPUEs in the Northeastern Pacific with regional SST and climate environmental variables"

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"Physiological vagility and its relationship to dispersal and neutral genetic heterogeneity in vertebrates"

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"Assimilation of remotely-sensed optical properties to improve marine biogeochemistry modelling"

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"Optimizing study design for multi-species avian monitoring programmes"

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"Infectivity and Transmission of Xylella fastidiosa by Philaenus spumarius (Hemiptera: Aphrophoridae) in Apulia, Italy"

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"Exploring Fall Migratory Patterns of American Black Ducks Using Eight Decades of Band-Recovery Data"

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"Satellite remote sensing for applied ecologists: opportunities and challenges"

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"More Frequent, Longer, and Hotter Heat Waves for Australia in the Twenty-First Century"

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"A Non-Stationary 1981-2012 AVHRR NDVI3g Time Series"

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"On the structural stability of mutualistic systems"

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"Invasion science for society: A decade of contributions from the Centre for Invasion Biology"

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"Latitudinal gradients in North American avian species richness, turnover rates and extinction probabilities"

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"Eco-evolutionary dynamics induced by massive mortality events"

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"Dendrochronological reconstruction of the epicentre and early spread of emerald ash borer in North America"

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"Amphibians over the edge: silent extinction risk of Data Deficient species"

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"Egg mortality of northeast Arctic cod (Gadus morhua) and haddock (Melanogrammus aeglefinus)"

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"Adverse weather conditions for European wheat production will become more frequent with climate change"

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"Evaluating the utility of dynamical downscaling in agricultural impacts projections"

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"Vulnerability of Breeding Waterbirds to Climate Change in the Prairie Pothole Region, USA"

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"On the adaptive benefits of mammal migration"

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"Movement ecology of amphibians: from individual migratory behaviour to spatially structured populations in heterogeneous landscapes"

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"Replacement of nonnative rainbow trout by nonnative brown trout in the Chitose River system, Hokkaido, northern Japan"

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"A statistical overview and perspectives on data assimilation for marine biogeochemical models"

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"A generic risk-based surveying method for invading plant pathogens"

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"Evaluating targets and trade-offs among fisheries and conservation objectives using a multispecies size spectrum model"

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"Artificial water points facilitate the spread of an invasive vertebrate in arid Australia"

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"Complexity is costly: a meta-analysis of parametric and non-parametric methods for short-term population forecasting"

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"Airborne pollen records and their potential applications to the conservation of biodiversity"

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"Generation Time, Net Reproductive Rate, and Growth in Stage-Age-Structured Populations"

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"Historical data reveal power-law dispersal patterns of invasive aquatic species"

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"The interactive effects of climate change, riparian management, and a nonnative predator on stream-rearing salmon"

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"Contribution of semi-arid ecosystems to interannual variability of the global carbon cycle"

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"Use (and abuse) of expert elicitation in support of decision making for public policy"

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"Modeling Hawaiian Ecosystem Degradation due to Invasive Plants under Current and Future Climates"

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"Near real-time prediction of US corn yields based on time-series MODIS data"

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"The role of data assimilation in predictive ecology"

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"Bottom-up limits to Newfoundland capelin (Mallotus villosus) rebuilding: the euphausiid hypothesis"

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"Species Abundance, Not Diet Breadth, Drives the Persistence of the Most Linked Pollinators as Plant-Pollinator Networks Disassemble"

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"Food and space revisited: The role of drift-feeding theory in predicting the distribution, growth, and abundance of stream salmonids"

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"Successes, failures, and opportunities in the practical application of drift-foraging models"

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"Prey size, prey abundance, and temperature as correlates of growth in stream populations of cutthroat trout"

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"Exotic birds show lags in population growth"

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"Distribution patterns of Pacific halibut (Hippoglossus stenolepis) in relation to environmental variables along the continental shelf waters of the US West Coast and southern British Columbia"

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"Land Sparing Versus Land Sharing: Moving Forward"

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"Standardized phenology monitoring methods to track plant and animal activity for science and resource management applications"

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"Building integral projection models: a user's guide"

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"Calculations of Nonsubmerged Groin Flow in a Shallow Open Channel by Large-Eddy Simulation"

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"Temporal validation plots: quantifying how well correlative species distribution models predict species' range changes over time"

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"Impacts of El Nino Southern Oscillation on the global yields of major crops"

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"Multimodal species abundance distributions: a deconstruction approach reveals the processes behind the pattern"

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"Deepwater Horizon crude oil impacts the developing hearts of large predatory pelagic fish"

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"Migratory Animals Couple Biodiversity and Ecosystem Functioning Worldwide"

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"The assimilation of satellite-derived data into a one-dimensional lower trophic level marine ecosystem model"

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"Long-term reproductive impairment in a seabird after the Prestige oil spill"

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"Short-term forecasting of daily reference evapotranspiration using the Hargreaves-Samani model and temperature forecasts"

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"A simple method for estimating species abundance from occurrence maps"

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"Could an Asian carp population establish in the Great Lakes from a small introduction?"

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"Emulating a gravity model to infer the spatiotemporal dynamics of an infectious disease"

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"Empirical Evaluation of Neutral Interactions in Host-Parasite Networks"

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"A gradient boosting approach to the Kaggle load forecasting competition"

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"Making better MAXENT models of species distributions: complexity, overfitting and evaluation"

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"A meta-analysis of crop yield under climate change and adaptation"

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"Mismatch Between Birth Date and Vegetation Phenology Slows the Demography of Roe Deer"

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"Updated high-resolution grids of monthly climatic observations - the CRU TS3.10 Dataset"

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"Trends in the Breeding Population of Adelie Penguins in the Ross Sea, 1981-2012: A Coincidence of Climate and Resource Extraction Effects"

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"Remotely sensed trends in the phenology of northern high latitude terrestrial vegetation, controlling for land cover change and vegetation type"

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"DETECTION OF XYLELLA FASTIDIOSA IN OLIVE TREES BY MOLECULAR AND SEROLOGICAL METHODS"

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"Statistical approach to the analysis of olive long-term pollen season trends in southern Spain"

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"Unusual forest growth decline in boreal North America covaries with the retreat of Arctic sea ice"

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"A quantitative review of pollination syndromes: do floral traits predict effective pollinators?"

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"Historical changes in global yields: major cereal and legume crops from 1982 to 2006"

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"The NCEP Climate Forecast System Version 2"

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"A quantitative assessment of a terrestrial biosphere model's data needs across North American biomes"

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"Vespa velutina: a new invasive predator of honeybees in Europe"

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"The spatio-temporal distribution of wild and domestic ungulates modulates lynx kill rates in a multi-use landscape"

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"Estimating the allergenic potential of urban green spaces: A case-study in Granada, Spain"

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"Recent intensification of wind-driven circulation in the Pacific and the ongoing warming hiatus"

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"Using Structured Expert Judgment to Assess Invasive Species Prevention: Asian Carp and the Mississippi-Great Lakes Hydrologic Connection"

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"Adaptation and multiple parameter optimization of the simulation model SALMO as prerequisite for scenario analysis on a shallow eutrophic Lake"

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"An assessment of pre- and within-season remotely sensed variables for forecasting corn and soybean yields in the United States"

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"Bottom-Up Regulation of Capelin, a Keystone Forage Species"

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"Virtual species distribution models: Using simulated data to evaluate aspects of model performance"

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"Species interactions and a chain of indirect effects driven by reduced precipitation"

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"Survival and Population Growth of a FreeRanging Elk Population With a Long History of Exposure to Chronic Wasting Disease"

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"Intensive removal of signal crayfish (Pacifastacus leniusculus) from rivers increases numbers and taxon richness of macroinvertebrate species"

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"Comparing an empirical crop model with a functional structural plant model to account for individual variability"

OR

"Inadequate risk assessments - A study on worst-case scenarios related to petroleum exploitation in the Lofoten area"

OR

"Effects of Climate Change on Trait-Based Dynamics of a Top Predator in Freshwater Ecosystems"

OR

"Divergence of the potential invasion range of emerald ash borer and its host distribution in North America under climate change"

OR

"Temperatures and the growth and development of maize and rice: a review"

OR

"Post-Fledging Survival in Passerine Birds and the Value of Post-Fledging Studies to Conservation"

OR

"Harvest timing and its population dynamic consequences in a discrete single-species model"

OR

"Evidence for external forcing of the Atlantic Multidecadal Oscillation since termination of the Little Ice Age"

OR

"Environmental forcing and density-dependent controls of Culex pipierts abundance in a temperate climate (Northeastern Italy)"

OR

"Comparing the suitability of classified land cover data and remote sensing variables for modeling distribution patterns of plants"

OR

"The consequences of balanced harvesting of fish communities"

OR

"VESPA VELUTINA LEPELETIER (HYMENOPTERA VESPIDAE): A FIRST ASSESSMENT TWO YEARS AFTER ITS ARRIVAL IN ITALY"

OR

"Urban ragweed populations in vacant lots: An ecological perspective on management"

OR

"Surface velocity and mass balance of Livingston Island ice cap, Antarctica"

OR

"Catch Predictions in Stock Assessment and Management of Invertebrate Fisheries Using Pre-Recruit Abundance-Case Studies from Western Australia"

OR

"Identification of three potential insect vectors of Xylella fastidiosa in southern Italy"

OR

"Relation between visitors' behaviour and characteristics of green spaces in the city of Granada, south-eastern Spain"

OR

"Seaweed thalli and cells"

OR

"A tutorial on adjoint methods and their use for data assimilation in glaciology"

OR

"EcoFire: regional-scale prescribed burning increases the annual carrying capacity of livestock on pastoral properties by reducing pasture loss from wildfire"

OR

"Movement ecology of amphibians: A missing component for understanding population declines"

OR

"Monitoring, Predicting, and Managing One of the Seven Natural Wonders of the World"

OR

"Toward an integrated ecosystem perspective of invasive species impacts"

OR

"Competition and facilitation among plants for pollination: can pollinator abundance shift the plant-plant interactions?"

OR

"Should the Three Gorges Dam be blamed for the extremely low water levels in the middle-lower Yangtze River?"

OR

"Emerald Ash Borer Invasion of North America: History, Biology, Ecology, Impacts, and Management"

OR

"Modeling the Terrestrial Biosphere"

OR

"The eBird enterprise: An integrated approach to development and application of citizen science"

OR

"Pierce's disease costs California $104 million per year"

OR

"A framework for testing the ability of models to project climate change and its impacts"

OR

"Integrated assessment of biological invasions"

OR

"Climate change and timing of avian breeding and migration: evolutionary versus plastic changes"

OR

"Climate change and mammals: evolutionary versus plastic responses"

OR

"Plastic and evolutionary responses to climate change in fish"

OR

"Evolutionary and plastic responses to climate change in terrestrial plant populations"

OR

"Inductive reasoning and forecasting of population dynamics of Cylindrospermopsis raciborskii in three sub-tropical reservoirs by evolutionary computation"

OR

"One size fits all: Eurasian lynx females share a common optimal litter size"

OR

"Common montane birds are declining in northern Europe"

OR

"Uncertainties in CMIP5 Climate Projections due to Carbon Cycle Feedbacks"

OR

"Prevalence, thresholds and the performance of presence-absence models"

OR

"Global warming and changes in drought"

OR

"Best Practices for Scientific Computing"

OR

"Establishing the carrying capacity of the grasslands of China: a review"

OR

"On-Going Challenges Confronting Management Education"

OR

"A horizon scan of global conservation issues for 2014"

OR

"The effect of the number of seed variables on the performance of Cooke's classical model"

OR

"Climate change and its impact on plant diseases"

OR

"Indirect food web interactions mediated by predator-rodent dynamics: relative roles of lemmings and voles"

OR

"An operational model for forecasting ragweed pollen release and dispersion in Europe"

OR

"Avifaunal disarray due to a single despotic species"

OR

"In search of greener pastures: Using satellite images to predict the effects of environmental change on zebra migration"

OR

"A seasonal, density-dependent model for the management of an invasive weed"

OR

"Comparison of Harvest Scenarios for the Cost-Effective Suppression of Lake Trout in Swan Lake, Montana"

OR

"Numerical study on wave dynamics and wave-induced bed erosion characteristics in Potter Cove, Antarctica"

OR

"Fish preference for hydraulic habitat in typical middle reaches of Yangtze River, China"

OR

"Spread of invasive ragweed: climate change, management and how to reduce allergy costs"

OR

"Light-driven tipping points in polar ecosystems"

OR

"Historical climate-change influences modularity and nestedness of pollination networks"

OR

"Quantifying effects of abiotic and biotic drivers on community dynamics with multivariate autoregressive (MAR) models"

OR

"Predicting species distributions for conservation decisions"

OR

"A global meta-analysis of the ecological impacts of nonnative crayfish"

OR

"Combined Spatial and Temporal Effects of Environmental Controls on Long-Term Monthly NDVI in the Southern Africa Savanna"

OR

"Git can facilitate greater reproducibility and increased transparency in science"

OR

"Predictive systems ecology"

OR

"Spring onset variations and trends in the continental United States: past and regional assessment using temperature-based indices"

OR

"Spatial Ecological Processes and Local Factors Predict the Distribution and Abundance of Spawning by Steelhead (Oncorhynchus mykiss) across a Complex Riverscape"

OR

"Soil as a capacitor: Considering soil water content improves temporal models of productivity"

OR

"Inferring food web structure from predator-prey body size relationships"

OR

"Advancing our thinking in presence-only and used-available analysis"

OR

"Evidence for thermally mediated settlement in lobster larvae (Homarus americanus)"

OR

"Intraguild predation between spawning smallmouth bass (Micropterus dolomieu) and nest-raiding crayfish (Orconectes rusticus): implications for bass nesting success"

OR

"Phylogeography: spanning the ecology-evolution continuum"

OR

"Biodiversity ensures plant-pollinator phenological synchrony against climate change"

OR

"Greater phenological sensitivity to temperature on higher Scottish mountains: new insights from remote sensing"

OR

"The role of coastal plant communities for climate change mitigation and adaptation"

OR

"Outbreaks by canopy-feeding geometrid moth cause state-dependent shifts in understorey plant communities"

OR

"Blooms Bite the Hand That Feeds Them"

OR

"Assumptions, challenges, and future directions in cumulative impact analysis"

OR

"Modelling olive phenological response to weather and topography"

OR

"Use of a high resolution 3D fully coupled hydrodynamic, sediment and biogeochemical model to understand estuarine nutrient dynamics under various water quality scenarios"

OR

"Pla a\_1 aeroallergen immunodetection related to the airborne Platanus pollen content"

OR

"Growth, water productivity, and biomass allocation of Great Basin plants as affected by summer watering"

OR

"Comment on temperature-dependent stock-recruit modeling for Pacific sardine (Sardinops sagax) in Jacobson and MacCall (1995), McClatchie et al. (2010), and Lindegren and Checkley (2013)"

OR

"Size matters: insights from an allometric approach to evaluate control methods for invasive Australian Rhinella marina"

OR

"Human impacts on multiple ecological networks act synergistically to drive ecosystem collapse"

OR

"Spatial memory and animal movement"

OR

"Distribution patterns of Yangtze finless porpoises in the Yangtze River: implications for reserve management"

OR

"Investigating the dispersal routes used by an invasive amphibian, Lithobates catesbeianus, in human-dominated landscapes"

OR

"Ability of Matrix Models to Explain the Past and Predict the Future of Plant Populations"

OR

"Remote sensing for conservation monitoring: Assessing protected areas, habitat extent, habitat condition, species diversity, and threats"

OR

"Trait-based tests of coexistence mechanisms"

OR

"Prediction of seasonal climate-induced variations in global food production"

OR

"Elucidating the Population Dynamics of Japanese Knotweed Using Integral Projection Models"

OR

"Recent global-warming hiatus tied to equatorial Pacific surface cooling"

OR

"Marine Taxa Track Local Climate Velocities"

OR

"Asymmetric effects of daytime and night-time warming on Northern Hemisphere vegetation"

OR

"Simulating Polar Bear Energetics during a Seasonal Fast Using a Mechanistic Model"

OR

"The Drought Calculator: Decision Support Tool for Predicting Forage Growth During Drought"

OR

"Regional signatures of plant response to drought and elevated temperature across a desert ecosystem"

OR

"Hierarchical Bayesian Spatio-Temporal Conway-Maxwell Poisson Models with Dynamic Dispersion"

OR

"Computationally Efficient Statistical Differential Equation Modeling Using Homogenization"

OR

"Integrated, age-structured, length-based stock assessment model with uncertain process variances, structural uncertainty, and environmental covariates: case of Central Baltic herring"

OR

"Fisheries management for regime-based ecosystems: a management strategy evaluation for the snow crab fishery in the eastern Bering Sea"

OR

"Overconfidence in model projections"

OR

"An asynchronous regional regression model for statistical downscaling of daily climate variables"

OR

"Modelling potential impacts of climate change on water and nitrate export from a mid-sized, semiarid watershed in the US Southwest"

OR

"A highly aggregated geographical distribution of forest pest invasions in the USA"

OR

"Landscape-based population viability models demonstrate importance of strategic conservation planning for birds"

OR

"Riparian vegetation communities change rapidly following passive restoration at a northern Utah stream"

OR

"Phenological overlap of interacting species in a changing climate: an assessment of available approaches"

OR

"On improving the communication between models and data"

OR

"Dynamics and behaviour of airborne Quercus pollen in central Iberian Peninsula"

OR

"Modeling climate change impacts on phenology and population dynamics of migratory marine species"

OR

"Climate, fishing, and fluctuations of sardine and anchovy in the California Current"

OR

"Evaluating ecological resilience with global sensitivity and uncertainty analysis"

OR

"Variation in breeding phenology provides insights into drivers of long-term population change in harbour seals"

OR

"Single pollinator species losses reduce floral fidelity and plant reproductive function"

OR

"Climate Change and the Past, Present, and Future of Biotic Interactions"

OR

"The Future of Species Under Climate Change: Resilience or Decline?"

OR

"Personalized pollen-related symptom-forecast information services for allergic rhinitis patients in Europe"

OR

"Enemy release promotes range expansion in a host plant"

OR

"Predation Modifies Larval Amphibian Communities in Urban Wetlands"

OR

"Progress toward understanding the ecological impacts of nonnative species"

OR

"Strong contribution of immigration to local population regulation: evidence from a migratory passerine"

OR

"Demographics of Reintroduced Populations: Estimation, Modeling, and Decision Analysis"

OR

"Selecting Habitat to Survive: The Impact of Road Density on Survival in a Large Carnivore"

OR

"Constructed Analogs and Linear Regression"

OR

"A dynamic model of the cellular carbon to chlorophyll ratio applied to a batch culture and a continental shelf ecosystem"

OR

"Temperature and Precipitation Affect Steer Weight Gains Differentially by Stocking Rate in Northern Mixed-Grass Prairie"

OR

"Comparative analysis of feeding ecology of capelin from two shelf ecosystems, off Newfoundland and in the Barents Sea"

OR

"Understanding Linkage Rules in Plant-Pollinator Networks by Using Hierarchical Models That Incorporate Pollinator Detectability and Plant Traits"

OR

"The Influence of Nonrandom Mating on Population Growth"

OR

"Using unclassified continuous remote sensing data to improve distribution models of red-listed plant species"

OR

"Impacts of climate change on avian populations"

OR

"The EcoData Retriever: Improving Access to Existing Ecological Data"

OR

"An individual-based model for the migration of pike (Esox lucius) in the river Yser, Belgium"

OR

"On estimating probability of presence from use-availability or presence-background data"

OR

"Experimental Examination of Surgical Procedures for Implanting Sonic Transmitters in Juvenile Shortnose Sturgeon and Atlantic Sturgeon"

OR

"Bayesian learning and predictability in a stochastic nonlinear dynamical model"

OR

"Predicting yields of short-rotation hybrid poplar (Populus spp.) for the United States through model-data synthesis"

OR

"Telemetry tag effects on juvenile lingcod Ophiodon elongatus movement: a laboratory and field study"

OR

"Evaluating the Effects of Anthropogenic Stressors on Source-Sink Dynamics in Pond-Breeding Amphibians"

OR

"The future of hunting: an age-period-cohort analysis of deer hunter decline"

OR

"Implementation of the initial ACCESS numerical weather prediction system"

OR

"Ecosystem Impacts of a Range Expanding Forest Defoliator at the Forest-Tundra Ecotone"

OR

"Collaborative Modeling for Decision Support in Water Resources: Principles and Best Practices"

OR

"Fisheries Management in a Changing Climate Lessons from the 2012 Ocean Heat Wave in the Northwest Atlantic"

OR

"Behaviour and Habitat Selection of Yangtze Finless Porpoises in Dongting Lake, China, and the Adjacent Waters: Impact of Human Activity"

OR

"Ten principles for a landscape approach to reconciling agriculture, conservation, and other competing land uses"

OR

"Forecasting crop yield using remotely sensed vegetation indices and crop phenology metrics"

OR

"Practical solutions for making models indispensable in conservation decision-making"

OR

"A bio-economic analysis of harvest control rules for the Northeast Arctic cod fishery"

OR

"Facilitating feedbacks between field measurements and ecosystem models"

OR

"Surface Irradiances Consistent with CERES-Derived Top-of-Atmosphere Shortwave and Longwave Irradiances"

OR

"The critical role of extreme heat for maize production in the United States"

OR

"The influence of abundance on detectability"

OR

"Seasonal, not annual precipitation drives community productivity across ecosystems"

OR

"Spatio-temporal modeling for real-time ozone forecasting"

OR

"Ecological relationships, thresholds and time-lags determining phytoplankton community dynamics of Lake Kinneret, Israel elucidated by evolutionary computation and wavelets"

OR

"Predicting climate effects on Pacific sardine"

OR

"Evaluation of four atmospheric correction algorithms for MODIS-Aqua images over contrasted coastal waters"

OR

"Climate Change Winners: Receding Ice Fields Facilitate Colony Expansion and Altered Dynamics in an Adelie Penguin Metapopulation"

OR

"Impact of bio-optical data assimilation on short-term coupled physical, bio-optical model predictions"

OR

"Nonparametric forecasting outperforms parametric methods for a simulated multispecies system"

OR

"EFFICACY OF ANTEMORTEM RECTAL BIOPSIES TO DIAGNOSE AND ESTIMATE PREVALENCE OF CHRONIC WASTING DISEASE IN FREE-RANGING COW ELK (CERVUS ELAPHUS NELSONI)"

OR

"Fitting complex ecological point process models with integrated nested Laplace approximation"

OR

"Relative influence of human harvest, carnivores, and weather on adult female elk survival across western North America"

OR

"Effectiveness of different types of block ramps for fish upstream movement"

OR

"Laboratory Study of Fish Passage and Discharge Capacity in Slip-Lined, Baffled Culverts"

OR

"Discrimination capacity in species distribution models depends on the representativeness of the environmental domain"

OR

"Using remote sensing energy balance and evapotranspiration to characterize montane landscape vegetation with focus on grass and pasture lands"

OR

"An expert judgement assessment of future sea level rise from the ice sheets"

OR

"Plant-Pollinator Interactions over 120 Years: Loss of Species, Co-Occurrence, and Function"

OR

"Model-free forecasting outperforms the correct mechanistic model for simulated and experimental data"

OR

"Errors in climate datasets and their effects on statistical crop models"

OR

"Enhanced functionality of the redesigned hybrid evolutionary algorithm HEA demonstrated by predictive modelling of algal growth in the Wivenhoe Reservoir, Queensland (Australia)"

OR

"Evidence of Macroalgal Colonization on Newly Ice-Free Areas following Glacial Retreat in Potter Cove (South Shetland Islands), Antarctica"

OR

"Current Scope, Case Studies and Future Directions of Ecological Informatics"

OR

"Ba/Ca variations in the modern intertidal bean clam Donax gouldii: An upwelling proxy?"

OR

"Space-time modelling of blue ling for fisheries stock management"

OR

"Indirect facilitation of a native mesopredator by an invasive species: are cane toads re-shaping tropical riparian communities?"

OR

"Distinguishing between direct and indirect effects of predators in complex ecosystems"

OR

"Predation pressure dynamics study of the recently introduced honeybee killer Vespa velutina: learning from the enemy"

OR

"Climate change exacerbates interspecific interactions in sympatric coastal fishes"

OR

"Towards a general, population-level understanding of eco-evolutionary change"

OR

"Geographical variation in the spatial synchrony of a forest-defoliating insect: isolation of environmental and spatial drivers"

OR

"VisTrails SAHM: visualization and workflow management for species habitat modeling"

OR

"Temperature dependence of Pacific sardine (Sardinops sagax) recruitment in the California Current Ecosystem revisited and revised"

OR

"Individual variability in the movement behaviour of juvenile Atlantic salmon"

OR

"SILAGE MAIZE GROWTH SIMULATION USING PILOTE AND CROPSYST MODEL"

OR

"A framework for understanding semi-permeable barrier effects on migratory ungulates"

OR

"Does stakeholder involvement really benefit biodiversity conservation?"

OR

"A probabilistic model for analysing species co-occurrence"

OR

"Identifying the demographic processes relevant for species conservation in human-impacted areas: does the model matter?"

OR

"Collective States, Multistability and Transitional Behavior in Schooling Fish"

OR

"Understanding and managing conservation conflicts"

OR

"Response of vegetation to drought time-scales across global land biomes"

OR

"Time-Series Forecasting of Indoor Temperature Using Pre-trained Deep Neural Networks"

OR

"Migration or Residency? The Evolution of Movement Behavior and Information Usage in Seasonal Environments"

OR

"IDENTIFICATION OF DNA SEQUENCES RELATED TO XYLELLA FASTIDIOSA IN OLEANDER, ALMOND AND OLIVE TREES EXHIBITING LEAF SCORCH SYMPTOMS IN APULIA (SOUTHERN ITALY)"

OR

"Nonlinear and nonparametric modeling approaches for probabilistic forecasting of the US gross national product"

OR

"MORPHOLOGICAL CHARACTERISTICS AND BIOMASS ALLOCATION OF LEYMUS CHINENSIS (POACEAE) (TRIN.) RESPONSES TO LONG-TERM OVERGRAZING IN AGRO-PASTORAL ECOTONE OF NORTHERN CHINA"

OR

"Grassland dynamics in response to climate change and human activities in Inner Mongolia, China between 1985 and 2009"

OR

"Population growth across heterogeneous environments: effects of harvesting and age structure"

OR

"Forecasting of the selected features of Poaceae (R. Br.) Barnh., Artemisia L. and Ambrosia L. pollen season in Szczecin, north-western Poland, using Gumbel's distribution"

OR

"Bird assemblage response to restoration of fire-suppressed longleaf pine sandhills"

OR

"Species interactions: estimating per-individual interaction strength and covariates before simplifying data into per-species ecological networks"

OR

"A general model of detectability using species traits"

OR

"A numerical model of birch pollen emission and dispersion in the atmosphere. Description of the emission module"

OR

"Hydrologic data assimilation using particle Markov chain Monte Carlo simulation: Theory, concepts and applications"

OR

"Rescaling of aerial survey data with information from small numbers of telemetry tags to estimate the size of a declining harbour seal population"

OR

"A comparison of methods for smoothing and gap filling time series of remote sensing observations - application to MODIS LAI products"

OR

"THE GEOGRAPHY AND BODY-SIZE DEPENDENCE OF TOP-DOWN FORCING IN NEW ENGLAND'S LOBSTER-GROUNDFISH INTERACTION"

OR

"A trend-preserving bias correction - the ISI-MIP approach"

OR

"Collinearity: a review of methods to deal with it and a simulation study evaluating their performance"

OR

"Using habitat suitability models to target invasive plant species surveys"

OR

"Rate my data: quantifying the value of ecological data for the development of models of the terrestrial carbon cycle"

OR

"Evaluation of numerical weather prediction model precipitation forecasts for short-term streamflow forecasting purpose"

OR

"Nine simple ways to make it easier to (re)use your data"

OR

"Development of gridded surface meteorological data for ecological applications and modelling"

OR

"Phenological mismatch strongly affects individual fitness but not population demography in a woodland passerine"

OR

"Impacts of biological invasions: what's what and the way forward"

OR

"Mapping grassland productivity with 250-m eMODIS NDVI and SSURGO database over the Greater Platte River Basin, USA"

OR

"The geography and bathymetry of American lobster benthic recruitment as measured by diver-based suction sampling and passive collectors"

OR

"Developing a broader scientific foundation for river restoration: Columbia River food webs"

OR

"Inference for Size Demography From Point Pattern Data Using Integral Projection Models"

OR

"Correlation and process in species distribution models: bridging a dichotomy"

OR

"Connecting dynamic vegetation models to data - an inverse perspective"

OR

"The ecosystem functioning dimension in conservation: insights from remote sensing"

OR

"Setting Realistic Recovery Targets for Two Interacting Endangered Species, Sea Otter and Northern Abalone"

OR

"The dissimilarity of species interaction networks"

OR

"TEASIng apart alien species risk assessments: a framework for best practices"

OR

"Examining the knowledge base and status of commercially exploited marine species with the RAM Legacy Stock Assessment Database"

OR

"A quantitative assessment of fish passage efficiency"

OR

"Optimal predictive design augmentation for spatial generalised linear mixed models"

OR

"Light thresholds derived from seagrass loss in the coastal zone of the northern Great Barrier Reef, Australia"

OR

"Legacies of precipitation fluctuations on primary production: theory and data synthesis"

OR

"Simulations of Long-Term Community Dynamics in Coral Reefs - How Perturbations Shape Trajectories"

OR

"spacetime: Spatio-Temporal Data in R"

OR

"Opportunities for Increasing Utility of Models for Rangeland Management"

OR

"Shifts in pollinator composition and behavior cause slow interaction accumulation with area in plant-pollinator networks"

OR

"Value of long-term ecological studies"

OR

"The development of fish passage research in a historical context"

OR

"Impact of Back-Barrier Dams on the Development of the Ebb-Tidal Delta of the Eastern Scheldt"

OR

"Predicting invasiveness and range size in wetland plants using biological traits: a multivariate experimental approach"

OR

"The 27-year decline of coral cover on the Great Barrier Reef and its causes"

OR

"Which Factors Affect the Success or Failure of Eradication Campaigns against Alien Species?"

OR

"Detecting Causality in Complex Ecosystems"

OR

"Object-oriented simulation of coral competition in a coral reef community"

OR

"A regional comparison of water use efficiency for miscanthus, switchgrass and maize"

OR

"Closing yield gaps through nutrient and water management"

OR

"Retail Firewood Can Transport Live Tree Pests"

OR

"Differential effects of landscape-level environmental features on genetic structure in three codistributed tree species in Central America"

OR

"Sex- and age-specific survival of harbor seals (Phoca vitulina) from Tugidak Island, Alaska"

OR

"Satellite microwave remote sensing for environmental modeling of mosquito population dynamics"

OR

"Thermal reaction norms for growth vary among cohorts of Pacific cod (Gadus macrocephalus)"

OR

"A Migratory Northern Ungulate in the Pursuit of Spring: Jumping or Surfing the Green Wave?"

OR

"Projected Climate-Induced Habitat Loss for Salmonids in the John Day River Network, Oregon, USA"

OR

"Model-guided fieldwork: practical guidelines for multidisciplinary research on wildlife ecological and epidemiological dynamics"

OR

"Avoiding unintentional eviction from integral projection models"

OR

"Harmful algal blooms along the North American west coast region: History, trends, causes, and impacts"

OR

"Comparison of fisheries yield and oceanographic features at the southern boundaries of the western and eastern Subarctic Pacific Ocean"

OR

"Longevity and lifetime reproductive success of barn swallow offspring are predicted by their hatching date and phenotypic quality"

OR

"Can catch share fisheries better track management targets?"

OR

"Is a trout a trout? A range-wide comparison shows nonnative brook trout exhibit greater density, biomass, and production than native inland cutthroat trout"

OR

"A method to derive vegetation distribution maps for pollen dispersion models using birch as an example"

OR

"Distribution, spread, and impact of the invasive hornet Vespa velutina in South Korea"

OR

"Decision-making Triggers, Adaptive Management, and Natural Resources Law and Planning"

OR

"Integral projections models, their construction and use in posing hypotheses in ecology"

OR

"Altitudinal fluctuations in the olive pollen emission: an approximation from the olive groves of the south-east Iberian Peninsula"

OR

"Towards a comprehensive assessment of model structural adequacy"

OR

"A review of variable selection methods in Partial Least Squares Regression"

OR

"Eurasian Arctic greening reveals teleconnections and the potential for structurally novel ecosystems"

OR

"Disentangling the effects of multiple anthropogenic drivers on the decline of two tropical dry forest trees"

OR

"Optimal surveillance and eradication of invasive species in heterogeneous landscapes"

OR

"Implementation uncertainty when using recreational hunting to manage carnivores"

OR

"Groundwater use by native plants in response to changes in precipitation in an intermountain basin"

OR

"Evolutionary demography of iteroparous plants: incorporating non-lethal costs of reproduction into integral projection models"

OR

"Ecohydrological niche of sagebrush ecosystems"

OR

"By the Numbers: How is Recovery Defined by the US Endangered Species Act?"

OR

"Native predators reduce harvest of reindeer by Sami pastoralists"

OR

"Phylogeny, ecology, and the coupling of comparative and experimental approaches"

OR

"Ancient and recent alien species in temperate forests: steady state and time lags"

OR

"Population dynamics of marine fishes at low abundance"

OR

"Modeling the dispersion of Ambrosia artemisiifolia L. pollen with the model system COSMO-ART"

OR

"Patterns of variation in reproductive parameters in Eurasian lynx (Lynx lynx)"

OR

"Artificial neural network models for reference evapotranspiration in an arid area of northwest China"

OR

"Influence of life history strategies on sensitivity, population growth and response to climate for sympatric alpine birds"

OR

"Within and between population variation in plant traits predicts ecosystem functions associated with a dominant plant species"

OR

"Combined analysis of land cover change and NDVI trends in the Northern Eurasian grain belt"

OR

"Rapid range expansion of rusty crayfish Orconectes rusticus (Girard, 1852) in the John Day River, Oregon, USA"

OR

"Spatially integrated assessment reveals widespread changes in penguin populations on the Antarctic Peninsula"

OR

"Grazing as a post-mining land use: A conceptual model of the risk factors"

OR

"Examination of the Community Multiscale Air Quality (CMAQ) model performance over the North American and European domains"

OR

"Predicting to new environments: tools for visualizing model behaviour and impacts on mapped distributions"

OR

"Accounting for dispersal and biotic interactions to disentangle the drivers of species distributions and their abundances"

OR

"Habitat restoration will help some functional plant types persist under climate change in fragmented landscapes"

OR

"Population density but not stability can be predicted from species distribution models"

OR

"Data assimilation with a local Ensemble Kalman Filter applied to a three-dimensional biological model of the Middle Atlantic Bight"

OR

"MARSS: Multivariate Autoregressive State-space Models for Analyzing Time-series Data"

OR

"Assessment of the Irrigation Advisory Services' Recommendations and Farmers' Irrigation Management: A Case Study in Southern Spain"

OR

"Toward a Mechanistic Modeling of Nitrogen Limitation on Vegetation Dynamics"

OR

"A novel flushing strategy for diatom bloom prevention in the lower-middle Hanjiang River"

OR

"Collapse of an arctic bird community resulting from ungulate-induced loss of erect shrubs"

OR

"Habitat patch shape, not corridors, determines herbivory and fruit production of an annual plant"

OR

"Wet season range fidelity in a tropical migratory ungulate"

OR

"Projected temperature changes indicate significant increase in interannual variability of U.S. maize yields"

OR

"Success Rates for Reintroductions of Eight Perennial Plant Species after 15 Years"

OR

"Assessing catch shares' effects evidence from Federal United States and associated British Columbian fisheries"

OR

"Ship-borne Nonindigenous Species Diminish Great Lakes Ecosystem Services"

OR

"Dispersal of Invasive Forest Insects via Recreational Firewood: A Quantitative Analysis"

OR

"RESPONSE OF AN INTERMOUNTAIN GROUNDWATER-DEPENDENT ECOSYSTEM TO WATER TABLE DRAWDOWN"

OR

"Deer and elk hunter recruitment, retention, and participation trends in Montana"

OR

"Lengths and correlates of lag phases in upper-Midwest plant invasions"

OR

"AN OVERVIEW OF CMIP5 AND THE EXPERIMENT DESIGN"

OR

"Corridors promote fire via connectivity and edge effects"

OR

"Insights into the area under the receiver operating characteristic curve (AUC) as a discrimination measure in species distribution modelling"

OR

"Seasonal changes in the local distribution of Yangtze finless porpoises related to fish presence"

OR

"Selecting pseudo-absences for species distribution models: how, where and how many?"

OR

"The return of the variance: intraspecific variability in community ecology"

OR

"Response of phytoplankton dynamics to 19-year (1991-2009) climate trends in Potter Cove (Antarctica)"

OR

"Specialization and Rarity Predict Nonrandom Loss of Interactions from Mutualist Networks"

OR

"Climatic Niche Shifts Are Rare Among Terrestrial Plant Invaders"

OR

"Review of constituent retrieval in optically deep and complex waters from satellite imagery"

OR

"A cold oceanographic regime with high exploitation rates in the Northeast Pacific forecasts a collapse of the sardine stock"

OR

"Shoot, shovel and shut up: cryptic poaching slows restoration of a large carnivore in Europe"

OR

"Climate Downscaling as a Source of Uncertainty in Projecting Local Climate Change Impacts"

OR

"Thermal and hydrologic suitability of Lake Erie and its major tributaries for spawning of Asian carps"

OR

"Population-level influence of a recurring disease on a long-lived wildlife host"

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"Fire regime shifts affect bird species distributions"

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"On the selection of phylogenetic eigenvectors for ecological analyses"

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"The effects of small sample size and sample bias on threshold selection and accuracy assessment of species distribution models"

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"Cross-validation of species distribution models: removing spatial sorting bias and calibration with a null model"

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"Timing of climate variability and grassland productivity"

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"Forecasting the number of extreme daily events on seasonal timescales"

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"Monitoring of potentially toxic cyanobacteria using an online multi-probe in drinking water sources"

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"Integrative approach for landscape-based graph connectivity analysis: a case study with the common frog (Rana temporaria) in human-dominated landscapes"

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"Spatial and temporal variation in natal dispersal by Eurasian lynx in Scandinavia"

OR

"Quota hunting of Eurasian lynx in Norway: patterns of hunter selection, hunter efficiency and monitoring accuracy"

OR

"Terrestrial biosphere models need better representation of vegetation phenology: results from the North American Carbon Program Site Synthesis"

OR

"Simple rules to contain an invasive species with a complex life cycle and high dispersal capacity"

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"Disease dynamics in wild populations: modeling and estimation: a review"

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"Ecoinformatics: supporting ecology as a data-intensive science"

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"High-dimensional posterior exploration of hydrologic models using multiple-try DREAM((ZS)) and high-performance computing"

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"Predictive ecology: systems approaches Introduction"

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"Pattern-oriented modelling: a 'multi-scope' for predictive systems ecology"

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"Control of phytoplankton bloom inception in the Ross Sea, Antarctica, by Ekman restratification"

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"The Success of the Columbia Basin Passive Integrated Transponder (PIT) Tag Information System"

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"Climate change and its effects on grassland productivity and carrying capacity of livestock in the main grasslands of China"

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"Incorporating temperature-driven seasonal variation in survival, growth, and reproduction into population models for small fish"

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"An ecohydrological model of malaria outbreaks"

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"Evaluating the effects of climate change on summertime ozone using a relative response factor approach for policymakers"

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"The composition of mixed-species bird flocks in northern Australian savannas"

OR

"The Effect of Nonnative Salmonids on Social Dominance and Growth of Juvenile Atlantic Salmon"

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"Inter-annual variability of wet season freshwater plume extent into the Great Barrier Reef lagoon based on satellite coastal ocean colour observations"

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"Increasing biological realism of fisheries stock assessment: towards hierarchical Bayesian methods"

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"Regional air-quality forecasting for the Pacific Northwest using MOPITT/TERRA assimilated carbon monoxide MOZART-4 forecasts as a near real-time boundary condition"

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"Using coupled fish behavior-hydrodynamic model to investigate spawning migration of Japanese anchovy, Engraulis japonicus, from the East China Sea to Taiwan"

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"Current status and conservation of the Endangered Przewalski's gazelle Procapra przewalskii, endemic to the Qinghai-Tibetan Plateau, China"

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"Linking predator diet and prey availability: common murres and capelin in the Northwest Atlantic"

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"Are patterns of density dependence in the Global Population Dynamics Database driven by uncertainty about population abundance?"

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"Marine Ecosystem Regime Shifts Induced by Climate and Overfishing: A Review for the Northern Hemisphere"

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"Rethinking Community Assembly through the Lens of Coexistence Theory"

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"Progress in Understanding Harmful Algal Blooms: Paradigm Shifts and New Technologies for Research, Monitoring, and Management"

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"Bayesian Population Analysis using WinBUGS: A Hierarchical Perspective"

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"Dispersal kernels: review"

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"Feeling the heat: Australian landbirds and climate change"

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"Barriers, the Beef Industry and Unnatural Selection: A Review of the Impact of Veterinary Fencing on Mammals in Southern Africa"

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"The Model of Emissions of Gases and Aerosols from Nature version 2.1 (MEGAN2.1): an extended and updated framework for modeling biogenic emissions"

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"Evaluating sampling completeness in a desert plant-pollinator network"

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"Modelling spread of British wind-dispersed plants under future wind speeds in a changing climate"

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"Estimating urban vegetation cover fraction using Google Earth (R) images"

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"Assimilating GlobColour ocean colour data into a pre-operational physical-biogeochemical model"

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"Primary biological aerosol particles in the atmosphere: a review"

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"Modeling population dynamics, landscape structure, and management decisions for controlling the spread of invasive plants"

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"Characterizing the performance of ecosystem models across time scales: A spectral analysis of the North American Carbon Program site-level synthesis"

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"Climate-associated phenological advances in bee pollinators and bee-pollinated plants"

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"A Bayesian framework for model calibration, comparison and analysis: Application to four models for the biogeochemistry of a Norway spruce forest"

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"Modeling Effects of Environmental Change on Wolf Population Dynamics, Trait Evolution, and Life History"

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"Simulating sterilization, vaccination, and test-and-remove as brucellosis control measures in bison"

OR

"Comparison of Abortion and Infection after Experimental Challenge of Pregnant Bison and Cattle with Brucella abortus Strain 2308"

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"Extraction of the climatic signal for moisture from tree-ring chronologies of Altai-Sayan mountain forest-steppes"

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"The protective effects of fish oil and artichoke on hepatocellular carcinoma in rats"

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"Estimating probabilities of active brucellosis infection in Yellowstone bison through quantitative serology and tissue culture"

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"Predation by Pacifastacus leniusculus on the intra-gravel embryos and emerging fry of Salmo salar"

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"Predicting phenology by integrating ecology, evolution and climate science"

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"Factors affecting Eurasian lynx kill rates on semi-domestic reindeer in northern Scandinavia: Can ecological research contribute to the development of a fair compensation system?"

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"Use of niche models in invasive species risk assessments"

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"Response of non-native lake trout (Salvelinus namaycush) to 15 years of harvest in Yellowstone Lake, Yellowstone National Park"

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"Temperature thresholds and crop production: a review"

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"Using species co-occurrence networks to assess the impacts of climate change"

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"Climate change and community disassembly: impacts of warming on tropical and temperate montane community structure"

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"Genetic differentiation in life-history traits of introduced and native common ragweed (Ambrosia artemisiifolia) populations"

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"Are exploited fish populations stable?"

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"An Automated Platform for Phytoplankton Ecology and Aquatic Ecosystem Monitoring"

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"Forecasting Fire Season Severity in South America Using Sea Surface Temperature Anomalies"

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"Ranching and Multiyear Droughts in Utah: Production Impacts, Risk Perceptions, and Changes in Preparedness"

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"High-frequency monitoring of phytoplankton dynamics within the European water framework directive: application to metalimnetic cyanobacteria"

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"Disease, Population Viability, and Recovery of Endangered Sierra Nevada Bighorn Sheep"

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"Tree mortality in the eastern and central United States: patterns and drivers"

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"The model-data fusion pitfall: assuming certainty in an uncertain world"

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"A primer for data assimilation with ecological models using Markov Chain Monte Carlo (MCMC)"

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"The genetics of migration on the move"

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"Effectiveness of dam construction to contain the invasive crayfish Procambarus clarkii in a Mediterranean mountain stream"

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"Linking individual phenotype to density-dependent population growth: the influence of body size on the population dynamics of malaria vectors"

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"Strong contributors to network persistence are the most vulnerable to extinction"

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"Excluding access to invasion hubs can contain the spread of an invasive vertebrate"

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"Assessing ecosystem vulnerability to invasive rusty crayfish (Orconectes rusticus)"

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"The Geography of Demography: Long-Term Demographic Studies and Species Distribution Models Reveal a Species Border Limited by Adaptation"

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"Modelling seagrass growth and development to evaluate transplanting strategies for restoration"

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"Creation of a Gilded Trap by the High Economic Value of the Maine Lobster Fishery"

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"Trophic theory of island biogeography"

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"Observed glacial changes on the King George Island ice cap, Antarctica, in the last decade"

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"Improving prediction and management of range expansions by combining analytical and individual-based modelling approaches"

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"Invasive Species Research to Meet the Needs of Resource Management and Planning"

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"The role of leaf defensive traits in oaks on the preference and performance of a polyphagous herbivore, Orgyia vetusta"

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"Reconciling Food Production and Biodiversity Conservation: Land Sharing and Land Sparing Compared"

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"Parallel distributed computing using Python"

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"Phytoplankton development and ecological status during a cyanobacterial bloom in a tributary bay of the Three Gorges Reservoir, China"

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"Dividing the waters: The case for hydrologic separation of the North American Great Lakes and Mississippi River Basins"

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"Modelling horses for novel climate courses: insights from projecting potential distributions of native and alien Australian acacias with correlative and mechanistic models"

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"Platanus pollen season in Andalusia (southern Spain): trends and modeling"

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"Similarity and Specialization of the Larval versus Adult Diet of European Butterflies and Moths"

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"Predicting the invasion risk by the alien bee-hawking Yellow-legged hornet Vespa velutina nigrithorax across Europe and other continents with niche models"

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"Managing non-native fish in the environment"

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"How landscape dynamics link individual- to population-level movement patterns: a multispecies comparison of ungulate relocation data"

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"Nitrogen balance and irrigation water productivity for corn, sorghum and durum wheat under direct seeding into mulch when compared with conventional tillage in the southeastern France"

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"Integrated population models: a novel analysis framework for deeper insights into population dynamics"

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"Management strategy evaluation: a powerful tool for conservation?"

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"Homogenization of Large-Scale Movement Models in Ecology"

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"The importance of marine vs. human-induced subsidies in the maintenance of an expanding mesocarnivore in the arctic tundra"

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"Stopover ecology of a migratory ungulate"

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"The influence of satellite populations of emerald ash borer on projected economic costs in US communities, 2010-2020"

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"Improvements to a MODIS global terrestrial evapotranspiration algorithm"

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"Integrated Constructed Wetlands (ICW): Ecological Development in Constructed Wetlands for Manure Treatment"

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"Evaluation of IRI's Seasonal Climate Forecasts for the Extreme 15% Tails"

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"Long-term patterns in harbour seal site-use and the consequences for managing protected areas"

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"European Farmland Bird Distribution Explained by Remotely Sensed Phenological Indices"

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"The stage-structured epidemic: linking disease and demography with a multi-state matrix approach model"

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"Integrating individual search and navigation behaviors in mechanistic movement models"

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"Ecological effects and management of invasive alien Vespidae"

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"Comparing short and long-distance dispersal: modelling and field case studies"

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"Species coexistence in a variable world"

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"Compensatory effects of recruitment and survival when amphibian populations are perturbed by disease"

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"Community versus single-species distribution models for British plants"

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"Unmarked: An R Package for Fitting Hierarchical Models of Wildlife Occurrence and Abundance"

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"Decision-making under great uncertainty: environmental management in an era of global change"

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"Temporal transferability of wildlife habitat models: implications for habitat monitoring"

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"Lessons learned from invasive plant control experiments: a systematic review and meta-analysis"

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"Meteorological and Hydrological Influences on the Spatial and Temporal Prevalence of West Nile Virus in Culex Mosquitoes, Suffolk County, New York"

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"Evaluating management strategies for eastern Bering Sea walleye pollock (Theragra chalcogramma) in a changing environment"

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"Fisheries, food security, climate change, and biodiversity: characteristics of the sector and perspectives on emerging issues"

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"Constraining ecosystem processes from tower fluxes and atmospheric profiles"

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"Relative information contributions of model vs. data to short- and long-term forecasts of forest carbon dynamics"

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"Introducing data-model assimilation to students of ecology"

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"Ecological forecasting and data assimilation in a data-rich era"

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"Data-model fusion to better understand emerging pathogens and improve infectious disease forecasting"

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"The tourism forecasting competition"

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"Emergence of a mid-season period of low floral resources in a montane meadow ecosystem associated with climate change"

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"Crop-climate models need an overhaul"

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"Arctic marine ecosystems in an era of rapid climate change"

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"Antarctic marine biology"

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"Urban green zones and related pollen allergy: A review. Some guidelines for designing spaces with low allergy impact"

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"The crucial role of the accessible area in ecological niche modeling and species distribution modeling"

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"A geochemical record of late Holocene palaeoenvironmental changes at King George Island (maritime Antarctica)"

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"Exploiting Allee effects for managing biological invasions"

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"On the brink of change: plant responses to climate on the Colorado Plateau"

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"Optimal restoration: accounting for space, time and uncertainty"

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"Forecasting of cyanobacterial density in Torrao reservoir using artificial neural networks"

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"Spatial analysis of the invasion of lionfish in the western Atlantic and Caribbean"

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"testthat: Get Started with Testing"

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"The potential of passive stream restoration to improve stream habitat and minimize the impact of fish disease: a short-term assessment"

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"Variability in krill biomass links harvesting and climate warming to penguin population changes in Antarctica"

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"Cholera Epidemic in Haiti, 2010: Using a Transmission Model to Explain Spatial Spread of Disease and Identify Optimal Control Interventions"

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"Management of Yellowstone bison and brucellosis transmission risk - Implications for conservation and restoration"

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"Seasonal forecasting of tuna habitat for dynamic spatial management"

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"The impact of climate change on the performance of rebuilding strategies for overfished groundfish species of the US west coast"

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"Ecological niche conservatism: a time-structured review of evidence"

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"Alternative states of a semiarid grassland ecosystem: implications for ecosystem services"

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"Ecological Impacts of Nonnative Freshwater Fishes"

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"Mechanistic models of seed dispersal by wind"

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"Integrating models with data in ecology and palaeoecology: advances towards a model-data fusion approach"

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"Multiple classifier architectures and their application to credit risk assessment"

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"Optimal detection strategies for an established invasive pest"

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"Assessing the effects of disease and bleaching on Florida Keys corals by fitting population models to data"

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"Effects of weather and climate on the dynamics of animal population time series"

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"An evolutionary process that assembles phenotypes through space rather than through time"

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"Distribution of Ambrosia plants and airborne pollen in Lithuania"

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"Analysis of AET and yield predictions under surface and buried drip irrigation systems using the Crop Model PILOTE and Hydrus-2D"

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"A mechanistic modeling system for estimating large-scale emissions and transport of pollen and co-allergens"

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"Conservation in the face of climate change: The roles of alternative models, monitoring, and adaptation in confronting and reducing uncertainty"

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"State-and-transition modelling for Adaptive Management of native woodlands"

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"Water availability as the driver of vegetation dynamics in the African Sahel from 1982 to 2007"

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"Dates and Times Made Easy with lubridate"

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"Nonlinear heat effects on African maize as evidenced by historical yield trials"

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"Will reconnecting ecosystems allow long-distance mammal migrations to resume? A case study of a zebra Equus burchelli migration in Botswana"

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"The ERA-Interim reanalysis: configuration and performance of the data assimilation system"

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"Beyond Predictions: Biodiversity Conservation in a Changing Climate"

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"A simulation framework for the design of grassland-based beef-cattle farms"

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"Influence of foraging behavior and host spatial distribution on the localized spread of the emerald ash borer, Agrilus planipennis"

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"Generalized Theorems for Nonlinear State Space Reconstruction"

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"Prediction of algal blooming using EFDC model: Case study in the Daoxiang Lake"

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"Optimal choice of species and size class for transplanting coral community"

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"Vegetation Dynamics within the North American Monsoon Region"

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"Nuclear and Chloroplast Microsatellites Show Multiple Introductions in the Worldwide Invasion History of Common Ragweed, Ambrosia artemisiifolia"

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"Recent warming by latitude associated with increased length of ragweed pollen season in central North America"

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"Missing and forbidden links in mutualistic networks"

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"Consequences of parameterization and structure of applied demographic models: a comment on Pardini et al. (2009)"

OR

"Detecting and forecasting complex nonlinear dynamics in spatially structured catch-per-unit-effort time series for North Pacific albacore (Thunnus alalunga)"

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"The combination of airborne pollen and allergen quantification to reliably assess the real pollinosis risk in different bioclimatic areas"

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"Cues for cannibalism: cane toad tadpoles use chemical signals to locate and consume conspecific eggs"

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"A novel hybridization of artificial neural networks and ARIMA models for time series forecasting"

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"Climate Impacts on Agriculture: Implications for Crop Production"

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"Relation between two common localisation methods for the EnKF"

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"Ecological niche modeling in Maxent: the importance of model complexity and the performance of model selection criteria"

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"The Great Salt Lake Ecosystem (Utah, USA): long term data and a structural equation approach"

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"An international terminology for grazing lands and grazing animals"

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"The green ribbon: Multiscale physical control of phytoplankton productivity and community structure over a narrow continental shelf"

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"Spatial Distribution and Risk Factors of Highly Pathogenic Avian Influenza (HPAI) H5N1 in China"

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"Guidelines of the American Society of Mammalogists for the use of wild mammals in research"

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"Analysis of monotonic greening and browning trends from global NDVI time-series"

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"Predicting Bison Migration out of Yellowstone National Park Using Bayesian Models"

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"May the Best Analyst Win"

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"Challenges and Opportunities of Open Data in Ecology"

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"Challenges in Identifying Sites Climatically Matched to the Native Ranges of Animal Invaders"

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"Impacts of aspergillosis on sea fan coral demography: modeling a moving target"

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"Airborne pollen of ornamental tree species in the NW of Spain"

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"Viability analysis of a threatened amphibian population: modelling the past, present and future"

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"How successful are plant species reintroductions?"

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"Lateral spread of invasive Spartina alterniflora in uncrowded environments"

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"Interacting Effects of Phenotypic Plasticity and Evolution on Population Persistence in a Changing Climate"

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"Limitations of Gravity Models in Predicting the Spread of Eurasian Watermilfoil"

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"Investigating the cause of the disjunct distribution of Amietophrynus pantherinus, the Endangered South African western leopard toad"

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"Determinants of lemming outbreaks"

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"Controlling harmful cyanobacterial blooms in a hyper-eutrophic lake (Lake Taihu, China): The need for a dual nutrient (N & P) management strategy"

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"Predicted Impact of Barriers to Migration on the Serengeti Wildebeest Population"

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"Heat waves measured with MODIS land surface temperature data predict changes in avian community structure"

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"Modelling diurnal and seasonal patterns of maize pollen emission in relation to meteorological factors"

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"Adapting North American wheat production to climatic challenges, 1839-2009"

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"Distribution and ecology of the mayflies (Ephemeroptera) of Flanders (Belgium)"

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"Application of classification trees to determine biological and chemical indicators for river assessment: case study in the Chaguana watershed (Ecuador)"

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"Community responses to extreme climatic conditions"

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"Link Prediction by De-anonymization: How We Won the Kaggle Social Network Challenge"

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"Cues and decision rules in animal migration"

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"THE USE OF AEROBIOLOGICAL DATA ON AGRONOMICAL STUDIES"

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"Ehrlich and Raven Revisited: Mechanisms Underlying Codiversification of Plants and Enemies"

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"A brief guide to model selection, multimodel inference and model averaging in behavioural ecology using Akaike's information criterion"

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"AIC model selection and multimodel inference in behavioral ecology: some background, observations, and comparisons"

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"Browsing down our natural heritage: Deer impacts on vegetation structure and songbird populations across an island archipelago"

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"A stage-based matrix population model of invasive lionfish with implications for control"

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"The Normalized Difference Vegetation Index (NDVI): unforeseen successes in animal ecology"

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"Coral Bleaching: Causes and Mechanisms"

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"Predicting habitat suitability for rare plants at local spatial scales using a species distribution model"

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"Climate influences the demography of three dominant sagebrush steppe plants"

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"Importance of individual and environmental variation for invasive species spread: a spatial integral projection model"

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"How do plant ecologists use matrix population models?"

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"MODELLING SPREAD IN INVASION ECOLOGY: A SYNTHESIS"

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"openModeller: a generic approach to species' potential distribution modelling"

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"ET come home: potential evapotranspiration in geographical ecology"

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"Inference from Simulations and Monitoring Convergence"

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"Applications of MCMC in Fisheries Science"

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"Group-based forecasting?: A social psychological analysis"

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"Quantitative mapping of pasture biomass using satellite imagery"

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"Assessing the short-term impacts of changing grazing regime at the landscape scale with remote sensing"

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"Artificial neural networks approach in evapotranspiration modeling: a review"

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"Is hunting mortality additive or compensatory to natural mortality? Effects of experimental harvest on the survival and cause-specific mortality of willow ptarmigan"

OR

"The overwintering physiology of the emerald ash borer, Agrilus planipennis Fairmaire (Coleoptera: Buprestidae)"

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"Fast stable restricted maximum likelihood and marginal likelihood estimation of semiparametric generalized linear models"

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"An explicit link between Gaussian fields and Gaussian Markov random fields: the stochastic partial differential equation approach"

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"Climate Change, Uncertainty, and Natural Resource Management"

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"The influence of landscape, patch, and within-patch factors on species presence and abundance: a review of focal patch studies"

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"Bayesian model for semi-automated zooplankton classification with predictive confidence and rapid category aggregation"

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"When and how should intraspecific variability be considered in trait-based plant ecology?"

OR

"Airborne pollen in three European cities: Detection of atmospheric circulation pathways by applying three-dimensional clustering of backward trajectories"

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"New directions in management strategy evaluation through cross-fertilization between fisheries science and terrestrial conservation"

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"A double-threshold temperature sum model for predicting the flowering duration and relative intensity of Betula pendula and B. pubescens"

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"Complex seasonal cycle of ecohydrology in the Southwest United States"

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"Scenarios for Global Biodiversity in the 21st Century"

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"A model-data intercomparison of CO2 exchange across North America: Results from the North American Carbon Program site synthesis"

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"Prospective sampling based on model ensembles improves the detection of rare species"

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"Invasive reptiles and amphibians: global perspectives and local solutions"

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"Forecasting daily pollen concentrations using data-driven modeling methods in Thessaloniki, Greece"

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"Evaluation of the Australian weed risk assessment system for the prediction of plant invasiveness in Canada"

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"Historical Accumulation of Nonindigenous Forest Pests in the Continental United States"

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"A hierarchical model to estimate the abundance and biomass of salmonids by using removal sampling and biometric data from multiple locations"

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"Combining multiple feature selection methods for stock prediction: Union, intersection, and multi-intersection approaches"

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"Spatiotemporal exploratory models for broad-scale survey data"

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"Modeling the consequences of thermal trait variation for the cane toad invasion of Australia"

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"Tell me what you eat and I'll tell you when you fly: diet can predict phenological changes in response to climate change"

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"Disease spread in small-size directed trade networks: the role of hierarchical categories"

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"The reproductive benefits of livestock farming in barn swallows Hirundo rustica: quality of nest site or foraging habitat?"

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"Assessment of reference evapotranspiration methods in semi-arid regions: Can weather forecast data be used as alternate of ground meteorological parameters?"

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"The art of modelling range-shifting species"

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"The ODD protocol A review and first update"

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"Annual changes in MODIS vegetation indices of Swedish coniferous forests in relation to snow dynamics and tree phenology"

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"Evaluation of Habitat Quality for Stream Salmonids Based on a Bioenergetics Model"

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"Evaluating the protection of wildlife in parks: the case of African buffalo in Serengeti"

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"Overcoming the rare species modelling paradox: A novel hierarchical framework applied to an Iberian endemic plant"

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"Re-assessment of the stock-recruit and temperature-recruit relationships for Pacific sardine (Sardinops sagax)"

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"Platanus pollen allergen, Pla a 1: quantification in the atmosphere and influence on a sensitizing population"

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"Assessment of effects of climate change and grazing activity on grassland yield in the Three Rivers Headwaters Region of Qinghai-Tibet Plateau, China"

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"Weak climatic associations among British plant distributions"

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"Simulation modelling as a tool for examining the consequences of spatial structure and connectivity on local and regional population dynamics"

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"Guild-specific patterns of species richness and host specialization in plant-herbivore food webs from a tropical forest"

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"Using evolutionary demography to link life history theory, quantitative genetics and population ecology"

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"Greenland halibut diet in the Northwest Atlantic from 1978 to 2003 as an indicator of ecosystem change"

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"Applying Ecologically Based Invasive-Plant Management"

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"A general science-based framework for dynamical spatio-temporal models"

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"Impacts of invasive stream salmonids on native fish: using meta-analysis to summarize four decades of research"

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"On the use of statistical models to predict crop yield responses to climate change"

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"Toward a synthetic understanding of the role of phenology in ecology and evolution"

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"Why does phenology drive species distribution?"

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"The effects of phenological mismatches on demography"

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"Flowering phenology, fruiting success and progressive deterioration of pollination in an early-flowering geophyte"

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"Influence of spring and autumn phenological transitions on forest ecosystem productivity"

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"Forecasting phenology under global warming"

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"Conservation of species interaction networks"

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"Ecological forecasting under climatic data uncertainty: a case study in phenological modeling"

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"National ecosystem assessments supported by scientific and local knowledge"

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"Combining ground count, telemetry, and mark-resight data to infer population dynamics in an endangered species"

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"Prediction of algal blooms using genetic programming"

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"Naturalization of plant populations: the role of cultivation and population size and density"

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"Individuals and populations: the role of long-term, individual-based studies of animals in ecology and evolutionary biology"

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"Long-term datasets in biodiversity research and monitoring: assessing change in ecological communities through time"

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"Brucellosis in the United States: Role and significance of wildlife reservoirs"

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"Vaccination strategies for managing brucellosis in Yellowstone bison"

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"Fire management for biodiversity conservation: Key research questions and our capacity to answer them"

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"Sustainable harvest strategies for age-structured Eurasian lynx populations: The use of reproductive value"

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"Large mammal population declines in Africa's protected areas"

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"Repeatability and transparency in ecological research"

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"Opposing effects of competitive exclusion on the phylogenetic structure of communities"

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"Grand Challenges in Migration Biology"

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"Continental-scale phenology: warming and chilling"

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"Complex responses to climate drivers in onset of spring flowering across a semi-arid elevation gradient"

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"Density estimation of Yangtze finless porpoises using passive acoustic sensors and automated click train detection"

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"Survival and Breeding Transitions for a Reintroduced Bison Population: a Multistate Approach"

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"Multimetric Macroinvertebrate Index Flanders (MMIF) for biological assessment of rivers and lakes in Flanders (Belgium)"

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"Characterizing a cyanobacterial bloom in western Lake Erie using satellite imagery and meteorological data"

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"Estimating parameters of a forest ecosystem C model with measurements of stocks and fluxes as joint constraints"

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"THE ECOLOGICAL IMPACT OF INVASIVE CANE TOADS (BUFO MARINUS) IN AUSTRALIA"

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"Timing of parturition events in Yellowstone bison Bison bison: implications for bison conservation and brucellosis transmission risk to cattle"

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"Unveiling human-assisted dispersal mechanisms in invasive alien insects: Integration of spatial stochastic simulation and phenology models"

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"Drought-Induced Reduction in Global Terrestrial Net Primary Production from 2000 Through 2009"

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"A method for producing airborne pollen source inventories: An example of Ambrosia (ragweed) on the Pannonian Plain"

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"Stability of Ecological Communities and the Architecture of Mutualistic and Trophic Networks"

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"Long-term cost-effectiveness of coypu (Myocastor coypus) control in Piedmont (Italy)"

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"THE NCEP CLIMATE FORECAST SYSTEM REANALYSIS"

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"POC plots: calibrating species distribution models with presence-only data"

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"Coexistence of perennial plants: an embarrassment of niches"

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"The role of federal agencies in the application of scientific knowledge"

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"Biological invasion of European tomato crops by Tuta absoluta: ecology, geographic expansion and prospects for biological control"

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"Limits to prediction in a size-resolved pelagic ecosystem model"

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"To Explain or to Predict?"

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"Coupled dynamics of body mass and population growth in response to environmental change"

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"Survival differences and the effect of environmental instability on breeding dispersal in an Adelie penguin meta-population"

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"Optimal Rangeland Stocking Decisions Under Stochastic and Climate-Impacted Weather"

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"Tracking greenery across a latitudinal gradient in central Asia - the migration of the saiga antelope"

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"Processing arctic eddy-flux data using a simple carbon-exchange model embedded in the ensemble Kalman filter"

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"Limited evidence for the demographic Allee effect from numerous species across taxa"

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"Predicting the potential habitat of oaks with data mining models and the R system"

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"Large-scale relationships between basin and riparian land cover and the ecological status of European rivers"

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"Expert Elicitation and Probabilistic Inversion for the Judgment of Prion Disease Risk Uncertainties Using the Classical Model, EXCALIBUR and UNIBALANCE"

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"Economics of Flexible Versus Conservative Stocking Strategies to Manage Climate Variability Risk"

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"Quantitative and qualitative analysis of the expert and non-expert opinion in fire risk in buildings"

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"The Impact of Climate Change on the World's Marine Ecosystems"

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"ENMTools: a toolbox for comparative studies of environmental niche models"

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"Matrix models for a changeable world: the importance of transient dynamics in population management"

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"Internal dispersal of seeds by waterfowl: effect of seed size on gut passage time and germination patterns"

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"A framework for community interactions under climate change"

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"Global pollinator declines: trends, impacts and drivers"

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"Resource Management Cycles and the Sustainability of Harvested Wildlife Populations"

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"Modelling trade-offs between livestock grazing and wader conservation in a grassland agroecosystem"

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"Artificial neural network for modeling reference evapotranspiration complex process in Sudano-Sahelian zone"

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"Temporal Variation in the Carrying Capacity of a Perennial Grass Population"

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"Moving beyond static species distribution models in support of conservation biogeography"

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"Predicting potential distributions of invasive species: where to go from here?"

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"Land-use proximity as a basis for assessing stream water quality in New York State (USA)"

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"Sustainably Harvesting a Large Carnivore? Development of Eurasian Lynx Populations in Norway During 160 Years of Shifting Policy"

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"DOES NICHE DIVERGENCE ACCOMPANY ALLOPATRIC DIVERGENCE IN APHELOCOMA JAYS AS PREDICTED UNDER ECOLOGICAL SPECIATION?: INSIGHTS FROM TESTS WITH NICHE MODELS"

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"Marine range shifts and species introductions: comparative spread rates and community impacts"

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"Climate change increases the likelihood of catastrophic avian mortality events during extreme heat waves"

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"Novel insect-tree associations resulting from accidental and intentional biological 'invasions': a meta-analysis of effects on insect fitness"

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"Controlling established invaders: integrating economics and spread dynamics to determine optimal management"

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"Estimation of immigration rate using integrated population models"

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"A Multiscalar Drought Index Sensitive to Global Warming: The Standardized Precipitation Evapotranspiration Index"

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"Spectral fluorometric characterization of phytoplankton community composition using the Algae Online Analyser (R)"

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"Carbon pools and fluxes in small temperate forest landscapes: Variability and implications for sampling design"

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"Modelling analysis of source regions of long-range transported birch pollen that influences allergenic seasons in Lithuania"

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"Fishing effects on age and spatial structures undermine population stability of fishes"

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"Prediction vs. reality: Can a PVA model predict population persistence 13 years later?"

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"Predicting plant invaders in the Mediterranean through a weed risk assessment system"

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"Forecasting the dynamics of a coastal fishery species using a coupled climate-population model"

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"Combining data-driven methods and lab studies to analyse the ecology of Dikerogammarus villosus"

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"Application of classification trees and support vector machines to model the presence of macroinvertebrates in rivers in Vietnam"

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"Comparison of modelling techniques to predict macroinvertebrate community composition in rivers of Ethiopia"

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"Analysis of ecological time series with ARMA(p,q) models"

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"Evaluation of quantitative real-time PCR to characterise spatial and temporal variations in cyanobacteria, Cylindrospermopsis raciborskii (Woloszynska) Seenaya et Subba Raju and cylindrospermopsin concentrations in three subtropical Australian reservoirs"

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"Integrating species distribution models and interacting particle systems to predict the spread of an invasive alien plant"

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"Digital zooplankton image analysis using the ZooScan integrated system"

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"Modeling the invasive emerald ash borer risk of spread using a spatially explicit cellular model"

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"A protocol for data exploration to avoid common statistical problems"

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"Seasonal and developmental timing of flowering"

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"Application of Vegetation Indices for Agricultural Crop Yield Prediction Using Neural Network Techniques"

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"Major pathways by which climate may force marine fish populations"

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"Sensitivity of marine systems to climate and fishing: Concepts, issues and management responses"

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"What makes an effective restoration planting for woodland birds?"

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"Modeling Spatial Establishment Patterns of Exotic Forest Insects in Urban Areas in Relation to Tree Cover and Propagule Pressure"

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"Lag-phases in alien plant invasions: separating the facts from the artefacts"

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"Medical consequences of the Asian black hornet (Vespa velutina) invasion in Southwestern France"

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"Cost of potential emerald ash borer damage in US communities, 2009-2019"

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"Stock-based vs. fleet-based evaluation of the multi-annual management plan for the cod stocks in the Baltic Sea"

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"Detecting trend and seasonal changes in satellite image time series"

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"Ecological indicators display reduced variation in North American catch share fisheries"

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"Why network analysis is often disconnected from community ecology: A critique and an ecologist's guide"

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"The Meteorology-Chemistry Interface Processor (MCIP) for the CMAQ modeling system: updates through MCIPv3.4.1"

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"Large-scale redistribution of maximum fisheries catch potential in the global ocean under climate change"

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"Magnitude and Trends in Abundance of Hatchery and Wild Pink Salmon, Chum Salmon, and Sockeye Salmon in the North Pacific Ocean"

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"Recruitment forecast models for walleye pollock Theragra chalcogramma fine-tuned from juvenile survey data, predator abundance and environmental phase shifts"

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"Effects of elevated water temperature and food availability on the reproductive performance of a coral reef fish"

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"Carnivore-livestock conflicts: determinants of wolf (Canis lupus) depredation on sheep farms in Finland"

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"Niche based distribution modelling of an invasive alien plant: effects of population status, propagule pressure and invasion history"

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"Drivers of colonization and succession in polar benthic macro- and microalgal communities"

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"Potential climate change effects on warm-season livestock production in the Great Plains"

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"Identifying and prioritizing ungulate migration routes for landscape-level conservation"

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"Fish habitat use response to anthropogenic induced changes of physical processes in the Elwha estuary, Washington, USA"

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"Hunting for large carnivore conservation"

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"Forecasting Daily Chlorophyll a Concentration during the Spring Phytoplankton Bloom Period in Xiangxi Bay of the Three-Gorges Reservoir by Means of a Recurrent Artificial Neural Network"

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"Frequentist model averaging estimation: a review"

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"A class-based approach to characterizing and mapping the uncertainty of the MODIS ocean chlorophyll product"

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"A review of applications of model-data fusion to studies of terrestrial carbon fluxes at different scales"

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"Dispersal of the emerald ash borer, Agrilus planipennis, in newly-colonized sites"

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"Macroevolution and the biological diversity of plants and herbivores"

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"Phylogenetic and trait similarity to a native species predict herbivory on non-native oaks"

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"The REFLEX project: Comparing different algorithms and implementations for the inversion of a terrestrial ecosystem model against eddy covariance data"

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"VARIATION IN THE IMPACT OF CLIMATE CHANGE ON FLOWERING PHENOLOGY AND ABUNDANCE: AN EXAMINATION OF TWO PAIRS OF CLOSELY RELATED WILDFLOWER SPECIES"

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"Invasion Dynamics in Spatially Heterogeneous Environments"

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"Effects of hay management and native species sowing on grassland community structure, biomass, and restoration"

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"Wolf survival and population trend using non-invasive capture-recapture techniques in the Western Alps"

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"Integral projection models perform better for small demographic data sets than matrix population models: a case study of two perennial herbs"

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"Geographical variation in the influence of density dependence and climate on the recruitment of Norwegian moose"

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"Patterns and processes in the California Current System"

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"Highly Variable Spread Rates in Replicated Biological Invasions: Fundamental Limits to Predictability"

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"Nonlinear temperature effects indicate severe damages to US crop yields under climate change"

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"The importance of niches for the maintenance of species diversity"

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"Increases in air temperature can promote wind-driven dispersal and spread of plants"

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"Aeroallergens, Allergic Disease, and Climate Change: Impacts and Adaptation"

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"When can efforts to control nuisance and invasive species backfire?"

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"Group-size-mediated habitat selection and group fusion-fission dynamics of bison under predation risk"

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"The influence of topography and land use on water quality of Xiangxi River in Three Gorges Reservoir region"

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"Energy Budgets for Eared Grebes on the Great Salt Lake and Implications for Harvest of Brine Shrimp"

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"Evidence that phylogenetically novel non-indigenous plants experience less herbivory"

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"Responses of Antarctic Iridaea cordata (Rhodophyta) tetraspores exposed to ultraviolet radiation"

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"Modelling spread of foot-and-mouth disease in wild white-tailed deer and feral pig populations using a geographic-automata model and animal distributions"

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"Monitoring the spatio-temporal dynamics of geometrid moth outbreaks in birch forest using MODIS-NDVI data"

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"Major Conservation Policy Issues for Biodiversity in Oceania"

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"Modeling the effects of riparian buffer zone and contour strips on stream water quality"

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"Likelihood ridges and multimodality in population growth rate models"

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"Knowledge-based versus data-driven fuzzy habitat suitability models for river management"

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"Climatic changes and associated impacts in the Mediterranean resulting from a 2 degrees C global warming"

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"Long-term temporal changes of plant phenology in the Western Mediterranean"

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"A semimechanistic model predicting the growth and production of the bioenergy crop Miscanthus x giganteus: description, parameterization and validation"

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"The evaluation of two management strategies for the Gulf of Alaska walleye pollock fishery under climate change"

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"Convergence of Culture, Ecology, and Ethics: Management of Feral Swamp Buffalo in Northern Australia"

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"Annual and seasonal variation of NDVI explained by current and previous precipitation across Northern Patagonia"

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"Optimal spatio-temporal hybrid sampling designs for ecological monitoring"

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"Nonlinear effects of winter sea ice on the survival probabilities of Adelie penguins"

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"Catastrophic regime shifts in coral communities exposed to physical disturbances: Simulation results from object-oriented 3-dimensional coral reef model"

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"A modeling and spatio-temporal analysis framework for monitoring environmental change using NPP as an ecosystem indicator"

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"MIGCLIM: Predicting plant distribution and dispersal in a changing climate"

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"Streamlining 'search and destroy': cost-effective surveillance for invasive species management"

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"Forecasting the start of Quercus pollen season using several methods - the evaluation of their efficiency"

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"SALINITY PATTERNS IN IRRIGATION SYSTEMS, A THREAT TO BE DEMYSTIFIED, A CONSTRAINT TO BE MANAGED: FIELD EVIDENCE FROM ALGERIA AND TUNISIA"

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"Climate, season, and social status modulate the functional response of an efficient stalking predator: the Eurasian lynx"

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"Effects of individual quality, reproductive success and environmental variability on survival of a long-lived seabird"

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"PATHOGENESIS AND EPIDEMIOLOGY OF BRUCELLOSIS IN YELLOWSTONE BISON: SEROLOGIC AND CULTURE RESULTS FROM ADULT FEMALES AND THEIR PROGENY"

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"Invasion biology of the Chinese mitten crab Eriochier sinensis: A brief review"

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"Size-specific interaction patterns and size matching in a plant-pollinator interaction web"

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"Monte Carlo Inference for State-Space Models of Wild Animal Populations"

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"Stretched Eulerian coordinate model of coastal sediment transport"

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"Interactive Effects of Harvest and Deer Herbivory on the Population Dynamics of American Ginseng"

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"BIOMOD - a platform for ensemble forecasting of species distributions"

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"The attraction of the known: the importance of spatial familiarity in habitat selection in wapiti Cervus elaphus"

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"The Ensemble Kalman Filter for Combined State and Parameter Estimation MONTE CARLO TECHNIQUES FOR DATA ASSIMILATION IN LARGE SYSTEMS"

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"Assessing habitat quality for conservation using an integrated occurrence-mortality model"

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"Non-target effects of broadleaf herbicide on a native perennial forb: a demographic framework for assessing and minimizing impacts"

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"Spring Diatom Blooming Phases in a Representative Eutrophic Bay of the Three-Gorges Reservoir, China"

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"DOUBLE MILLING IN SELF-PROPELLED SWARMS FROM KINETIC THEORY"

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"Changes in the spatio-temporal patterns and habitat preferences of Ambrosia artemisiifolia during its invasion of Austria"

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"Predictive models of weed population dynamics"

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"Using Phylogenetic, Functional and Trait Diversity to Understand Patterns of Plant Community Productivity"

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"Increasing community size and connectance can increase stability in competitive communities"

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"Bio-optical variability of the absorption and scattering properties of the Queensland inshore and reef waters, Australia"

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"Adapting PILOTE model for water and yield management under direct seeding system: The case of corn and durum wheat in a Mediterranean context"

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"Different climatic envelopes among invasive populations may lead to underestimations of current and future biological invasions"

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"When does greater mortality increase population size? The long history and diverse mechanisms underlying the hydra effect"

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"Using SiZer to detect thresholds in ecological data"

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"Mass mortality in Northwestern Mediterranean rocky benthic communities: effects of the 2003 heat wave"

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"Flowering range changes across an elevation gradient in response to warming summer temperatures"

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"Effect of current reproduction on apparent survival, breeding dispersal, and future reproduction in barn swallows assessed by multistate capture-recapture models"

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"Mitochondrial control region sequence analyses indicate dispersal from the US East Coast as the source of the invasive Indo-Pacific lionfish Pterois volitans in the Bahamas"

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"The impact of seasonal variability in wildlife populations on the predicted spread of foot and mouth disease"

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"Monitoring Change in Vertebrate Abundance: the Living Planet Index"

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"Process from pattern in the distribution of an endangered leaf beetle"

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"Accounting for uncertainty in ecological analysis: the strengths and limitations of hierarchical statistical modeling"

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"Parameter identifiability, constraint, and equifinality in data assimilation with ecosystem models"

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"The importance of accounting for spatial and temporal correlation in analyses of ecological data"

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"Mechanistic niche modelling: combining physiological and spatial data to predict species' ranges"

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"Pollen allergenic potential nature of some trees species: A multidisciplinary approach using aerobiological, immunochemical and hospital admissions data"

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"Wildlife-livestock conflict: the risk of pathogen transmission from bison to cattle outside Yellowstone National Park"

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"NDVI prediction over Mongolian grassland using GSMaP precipitation data and JRA-25/JCDAS temperature data"

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"Tibetan antelope Pantholops hodgsonii conservation and new rangeland management policies in the western Chang Tang Nature Reserve, Tibet: is fencing creating an impasse?"

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"Effect of drought on yield variability of key crops in Czech Republic"

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"A simple method for distinguishing within- versus between-subject effects using mixed models"

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"Evaluating the performance of Gulf of Alaska walleye pollock (Theragra chalcogramma) recruitment forecasting models using a Monte Carlo resampling strategy"

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"Managing the impact of invasive species: the value of knowing the density-impact curve"

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"Is the Response of Estuarine Nekton to Freshwater Flow in the San Francisco Estuary Explained by Variation in Habitat Volume?"

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"Does the introduced brook trout (Salvelinus fontinalis) affect growth of the native brown trout (Salmo trutta)?"

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"Selecting pseudo-absence data for presence-only distribution modeling: How far should you stray from what you know?"

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"Demographic models and IPCC climate projections predict the decline of an emperor penguin population"

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"Population-level declines in Australian predators caused by an invasive species"

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"What parts of the US mainland are climatically suitable for invasive alien pythons spreading from Everglades National Park?"

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"Do they? How do they? WHY do they differ? On finding reasons for differing performances of species distribution models"

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"We can eliminate invasions or live with them. Successful management projects"

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"Variability from scales in marine sediments and other historical records"

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"FIRST RECORD OF ORCONECTES RUSTICUS (GIRARD, 1852) (DECAPODA, CAMBARIDAE) WEST OF THE GREAT CONTINENTAL DIVIDE IN NORTH AMERICA"

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"Evaluation of consensus methods in predictive species distribution modelling"

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"Sample selection bias and presence-only distribution models: implications for background and pseudo-absence data"

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"Partial Migration in Central Yellowstone Bison"

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"A Behaviorally Explicit Demographic Model Integrating Habitat Selection and Population Dynamics in California Sea Lions"

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"MULTIPLE HYPOTHESIS TESTING AND THE DECLINING-POPULATION PARADIGM IN STELLER SEA LIONS"

OR

"ENDOGENOUS AND EXOGENOUS FACTORS CONTROLLING TEMPORAL ABUNDANCE PATTERNS OF TROPICAL MOSQUITOES"

OR

"Participatory modeling of endangered wildlife systems: Simulating the sage-grouse and land use in Central Washington"

OR

"Understanding movement data and movement processes: current and emerging directions"

OR

"Global change and species interactions in terrestrial ecosystems"

OR

"Exploring the relative influence of biotic interactions and environmental conditions on the abundance and distribution of exotic brown trout (Salmo trutta) in a high mountain stream"

OR

"Using the Kalman filter for parameter estimation in biogeochemical models"

OR

"How well can we forecast high biomass algal bloom events in a eutrophic coastal sea?"

OR

"Mixotrophy, a major mode of nutrition for harmful algal species in eutrophic waters"

OR

"Year-to-year variation in the topology of a plant-pollinator interaction network"

OR

"The effect of climate and land use change on flow duration in the Maryland Piedmont region"

OR

"Environmental signatures associated with cholera epidemics"

OR

"Linking climate change to lemming cycles"

OR

"Density-dependent mating tactic expression is linked to stress hormone in Woodhouse's toad"

OR

"Numerical simulation of birch pollen dispersion with an operational weather forecast system"

OR

"How well do first flowering dates measure plant responses to climate change? The effects of population size and sampling frequency"

OR

"A neutral-niche theory of nestedness in mutualistic networks"

OR

"Introduction to the Invasive Plant Species and the New Bioeconomy Symposium"

OR

"Risk Assessment of Potential Biofuel Species: An Application for Trait-Based Models for Predicting Weediness?"

OR

"Equifinality in parameterization of process-based biogeochemistry models: A significant uncertainty source to the estimation of regional carbon dynamics"

OR

"Predicting current and future biological invasions: both native and invaded ranges matter"

OR

"Vulnerability of Antarctic shelf biodiversity to predicted regional warming"

OR

"Habitat suitability model for Polish wolves based on long-term national census"

OR

"Dynamic occupancy models reveal within-breeding season movement up a habitat quality gradient by a migratory songbird"

OR

"FITNESS CONSEQUENCES OF PRE- AND POST-FLEDGING TIMING DECISIONS IN A DOUBLE-BROODED PASSERINE"

OR

"Evidence of hook competition in longline surveys"

OR

"Climate change hastens the turnover of stream fish assemblages"

OR

"Fragmentation of rangelands: Implications for humans, animals, and landscapes"

OR

"Collapse of the amphibian community of the Paul do Boquilobo Natural Reserve (central Portugal) after the arrival of the exotic American crayfish Procambarus clarkii"

OR

"Why Model?"

OR

"Numerical modelling of the suspended sediment transport in Torres Strait"

OR

"Spatial patterns of ecosystem carbon residence time and NPP-driven carbon uptake in the conterminous United States"

OR

"A comparison of the performance of threshold criteria for binary classification in terms of predicted prevalence and kappa"

OR

"Optimization of ecosystem model parameters through assimilating eddy covariance flux data with an ensemble Kalman filter"

OR

"Ecology - Privatization prevents collapse of fish stocks, global analysis shows"

OR

"Can catch shares prevent fisheries collapse?"

OR

"Long-range transport of Ambrosia pollen to Poland"

OR

"Estimating transpiration and the sensitivity of carbon uptake to water availability in a subalpine forest using a simple ecosystem process model informed by measured net CO2 and H2O fluxes"

OR

"The Moray Firth Seal Management Plan: an adaptive framework for balancing the conservation of seals, salmon, fisheries and wildlife tourism in the UK"

OR

"Historical trends in productivity of 120 Pacific pink, chum, and sockeye salmon stocks reconstructed by using a Kalman filter"

OR

"Effects of sample size on the performance of species distribution models"

OR

"Advection and resulting CO2 exchange uncertainty in a tall forest in central Germany"

OR

"Janzen-Connell effects are widespread and strong enough to maintain diversity in grasslands"

OR

"Meeting US biofuel goals with less land: the potential of Miscanthus"

OR

"Comparative study of conventional and artificial neural network-based ETo estimation models"

OR

"The role of temperature on the growth and survival of early and late hatching Pacific cod larvae (Gadus macrocephalus)"

OR

"A spatial ecosystem and populations dynamics model (SEAPODYM) - Modeling of tuna and tuna-like populations"

OR

"Forecasting fish catches in the Songkhla Lake basin"

OR

"Application of a full-scale constructed wetland for tertiary treatment of piggery manure: Monitoring results"

OR

"Global responses of terrestrial productivity to contemporary climatic oscillations"

OR

"Rapid shifts in plant distribution with recent climate change"

OR

"Claims of Potential Expansion throughout the U.S. by Invasive Python Species Are Contradicted by Ecological Niche Models"

OR

"Are we in the midst of the sixth mass extinction? A view from the world of amphibians"

OR

"Fitting probability distributions to animal movement trajectories: Using artificial neural networks to link distance, resources, and memory"

OR

"Directed movement and orientation across a large natural landscape by zebras, Equus burchelli antiquorum"

OR

"The spatial ecology of cane toads (Bufo marinus) in tropical Australia: Why do metamorph toads stay near the water?"

OR

"Modelling species distributions without using species distributions: the cane toad in Australia under current and future climates"

OR

"Commentary on Holmes et al. (2007): resolving the debate on when extinction risk is predictable"

OR

"Isolation of African protected areas"

OR

"Addressing the influence of instrument surface heat exchange on the measurements of CO(2) flux from open-path gas analyzers"

OR

"Long-term cattle gain responses to stocking rate and grazing systems in northern mixed-grass prairie"

OR

"Synergies among extinction drivers under global change"

OR

"Influence of the vertical distribution of cyanobacteria in the water column on the remote sensing signal"

OR

"Assisted colonization and rapid climate change"

OR

"Ice scour disturbance in Antarctic waters"

OR

"Overview of the model types available for development of ecological models"

OR

"Reid's paradox revisited: The evolution of dispersal kernels during range expansion"

OR

"Invasive cane toads (Bufo marinus) cause mass mortality of freshwater crocodiles (Crocodylus johnstoni) in tropical Australia"

OR

"Penguins as marine sentinels"

OR

"Allee effect and control of lake system invasion"

OR

"A management framework for preventing the secondary spread of aquatic invasive species"

OR

"Shifts in aquatic macroinvertebrate biodiversity associated with the presence and size of an alien crayfish"

OR

"A working guide to boosted regression trees"

OR

"The impact of nudging in the meteorological model for retrospective air quality simulations. Part I: Evaluation against national observation networks"

OR

"Can remote sensing of land cover improve species distribution modelling?"

OR

"Panel data econometrics in R: The plum package"

OR

"Automatic time series forecasting: The forecast package for R"

OR

"Forecasting and explanation of algal dynamics in two shallow lakes by recurrent artificial neural network and hybrid evolutionary algorithm"

OR

"Going, going, gone: Is animal migration disappearing?"

OR

"Importance of endogenous feedback controlling the long-term abundance of tropical mosquito species"

OR

"Assessment of juniper encroachment with the use of satellite imagery and geospatial data"

OR

"Regime shifts in marine ecosystems: detection, prediction and management"

OR

"A Bayesian calibration of a simple carbon cycle model: The role of observations in estimating and reducing uncertainty"

OR

"A significant upward shift in plant species optimum elevation during the 20th century"

OR

"Trend analysis of Landsat-TM and -ETM+ imagery to monitor grazing impact in a rangeland ecosystem in Northern Greece"

OR

"Beyond deforestation: Restoring forests and ecosystem services on degraded lands"

OR

"Simultaneous inference in general parametric models"

OR

"Spatial heterogeneity and diversity analysis of macrovegetation in the Xilingol region, Inner Mongolia, China, using the beta distribution"

OR

"Representation error of oceanic observations for data assimilation"

OR

"Potential climate change impacts on Atlantic cod (Gadus morhua) off the northeastern USA"

OR

"Seed-bank dynamics in the invasive plant, Ambrosia artemisiifolia L."

OR

"The effect of irrigation on regional temperatures: A spatial and temporal analysis of trends in California, 1934-2002"

OR

"A revised US Climate Extremes Index"

OR

"Improvements to NOAA's historical merged land-ocean surface temperature analysis (1880-2006)"

OR

"Attributing physical and biological impacts to anthropogenic climate change"

OR

"Comparison of artificial neural network models and empirical and semi-empirical equations for daily reference evapotranspiration estimation in the Basque Country (Northern Spain)"

OR

"Complex positive connections between functional groups are revealed by neural network analysis of ecological time series"

OR

"Combined modelling of distribution and niche in invasion biology: a case study of two invasive Tetramorium ant species"

OR

"A multi-scale test of the forage maturation hypothesis in a partially migratory ungulate population"

OR

"Relationships between alpha diversity of plant species in bloom and climatic variables across an elevation gradient"

OR

"SPFC: a tool to improve water management and hay production in the Crau region"

OR

"Quantum yield variation across the three pathways of photosynthesis: not yet out of the dark"

OR

"Wavelet analysis of ecological time series"

OR

"Search and navigation in dynamic environments - from individual behaviors to population distributions"

OR

"Broad-scale assessment of rangeland health, Grand Staircase-Escalante National Monument, USA"

OR

"Comment on Cooke's classical method"

OR

"Climate changes in the past century and radial increment of pine in the Southern Ural steppe"

OR

"Developing regional climate change scenarios for use in assessment of effects on human health and disease"

OR

"Implications of the carbon cycle steady state assumption for biogeochemical modeling performance and inverse parameter retrieval"

OR

"Assimilating canopy reflectance data into an ecosystem model with an Ensemble Kalman Filter"

OR

"Climate - Blooms like it hot"

OR

"Plant propagation fronts and wind dispersal: An analytical model to upscale from seconds to decades using superstatistics"

OR

"Are there any consistent predictors of invasion success?"

OR

"Life history and large-scale habitat use of brown trout (Salmo trutta) and brook trout (Salvelinus fontinalis) - implications for species replacement patterns"

OR

"Conservation performance payments for carnivore conservation in Sweden"

OR

"Modeling of species distributions with Maxent: new extensions and a comprehensive evaluation"

OR

"Transferability, sample selection bias and background data in presence-only modelling: a response to Peterson et al. (2007)"

OR

"Understanding and predicting ecological dynamics: Are major surprises inevitable?"

OR

"The emergence of Cochlodinium along the California Coast (USA)"

OR

"Abiotic and biotic influences on the dispersal behavior of metamorph cane toads (Bufo marinus) in tropical Australia"

OR

"Trait differences between grass species along a climatic gradient in South and North America"

OR

"SVD based initialization: A head start for nonnegative matrix factorization"

OR

"Keeping up with a warming world; assessing the rate of adaptation to climate change"

OR

"A toad more traveled: The heterogeneous invasion dynamics of cane toads in Australia"

OR

"Influence of pruning and the climatic conditions on acorn production in holm oak (Quercus ilex L.) dehesas in SW Spain"

OR

"Decadal trends in a coral community and evidence of changed disturbance regime"

OR

"Consistent accuracy of the Australian weed risk assessment system across varied geographies"

OR

"Estimating survival rates of uncatchable animals: The myth of high juvenile mortality in reptiles"

OR

"Integration of process-based soil respiration models with whole-ecosystem CO2 measurements"

OR

"A hierarchical Bayesian non-linear spatio-temporal model for the spread of invasive species with application to the Eurasian Collared-Dove"

OR

"Temporal patterns in the stability, persistence and condition of stream macroinvertebrate communities: relationships with catchment land-use and regional climate"

OR

"Climate change and the world's river basins: anticipating management options"

OR

"Fine root dynamics in a loblolly pine forest are influenced by free-air-CO2-enrichment: a six-year-minirhizotron study"

OR

"AUC: a misleading measure of the performance of predictive distribution models"

OR

"Comparative study of Hargreaves's and artificial neural network's methodologies in estimating reference evapotranspiration in a semiarid environment"

OR

"A deterministic formulation of the ensemble Kalman filter: an alternative to ensemble square root filters"

OR

"Niche dynamics in space and time"

OR

"Advancing ecological research with ontologies"

OR

"Land clearing and the biofuel carbon debt"

OR

"A review and comparison of four commonly used Bayesian and maximum likelihood model selection tools"

OR

"Climate change and the effects of temperature extremes on Australian flying-foxes"

OR

"Chaos in a long-term experiment with a plankton community"

OR

"Influence of ocean winds on the pelagic ecosystem in upwelling regions"

OR

"Assessing the effects of pseudo-absences on predictive distribution model performance"

OR

"The dynamics of measles in sub-Saharan Africa"

OR

"Occurrence and expression of luminescence in Vibrio cholerae"

OR

"Restoration of threatened red gorgonian populations: An experimental and modelling approach"

OR

"Global warming and flowering times in Thoreau's concord: A community perspective"

OR

"Effects of climate change on phenology, frost damage, and floral abundance of montane wildflowers"

OR

"Assimilation of SeaWiFS ocean chlorophyll data into a three-dimensional global ocean model"

OR

"Aboveground net primary production dynamics in a northern Chihuahuan Desert ecosystem"

OR

"Offense and defense in landscape-level invasion control"

OR

"Summer macroalgal biomass in Potter Cove, South Shetland Islands, Antarctica: Its production and flux to the ecosystem"

OR

"Collapsing population cycles"

OR

"State-space models of individual animal movement"

OR

"Managing without best predictions: the Management Strategy Evaluation framework"

OR

"Extending Nonlinear analysis to short ecological time series"

OR

"Population ecology of insect invasions and their management"

OR

"Forage Fish: From Ecosystems to Markets"

OR

"Microcystin concentrations and cell quotas in Saginaw Bay, Lake Huron"

OR

"Breathing of the terrestrial biosphere: lessons learned from a global network of carbon dioxide flux measurement systems"

OR

"Influences of observation errors in eddy flux data on inverse model parameter estimation"

OR

"Time lags in provision of habitat resources through revegetation"

OR

"Nonnative species and bioenergy: Are we cultivating the next invader?"

OR

"Incorporating catastrophic risk assessments into setting conservation goals for threatened Pacific Salmon"

OR

"The need for integrative approaches to understand and conserve migratory ungulates"

OR

"Density-independent and density-dependent factors affecting temporal changes in spatial distributions of eastern Bering Sea flatfish"

OR

"Reducing uncertainty in modeling the NDVI-precipitation relationship: A comparative study using global and local regression techniques"

OR

"Forecasting airborne Platanus pollen in the Madrid region"

OR

"Relating spectral shape to cyanobacterial blooms in the Laurentian Great Lakes"

OR

"Displaying remotely sensed vegetation dynamics along natural gradients for ecological studies"

OR

"The basic reproduction number in some discrete-time epidemic models"

OR

"Mesoscale to submesoscale transition in the California current system. Part I: Flow structure, eddy flux, and observational tests"

OR

"Quantifying uncertainty in the biospheric carbon flux for England and Wales"

OR

"Vulnerability of domestic sheep to lynx depredation in relation to roe deer density"

OR

"A Bayesian estimate of harbour seal survival using sparse photo-identification data"

OR

"Effects of polynyas on the hatching season, early growth and survival of polar cod Boreogadus saida in the Laptev Sea"

OR

"Climate change and evolution: disentangling environmental and genetic responses"

OR

"The Bluelink ocean data assimilation system (BODAS)"

OR

"Dispersal, demography and spatial population models for conservation and control management"

OR

"The effect of drought and heat stress on reproductive processes in cereals"

OR

"Can multi-model combination really enhance the prediction skill of probabilistic ensemble forecasts?"

OR

"A statewide examination of hunting and trophy nonhuman animals: Perspectives of Montana hunters"

OR

"Approximately sufficient statistics and Bayesian computation"

OR

"Morphing ensemble Kalman filters"

OR

"Directions in reintroduction biology"

OR

"Definition of main pollen season using a logistic model"

OR

"Oscillating trophic control induces community reorganization in a marine ecosystem"

OR

"A statistical approach to quasi-extinction forecasting"

OR

"A daily weather generator for use in climate change studies"

OR

"Use of Willapa Bay, Washington, by shorebirds and waterfowl after Spartina control efforts"

OR

"Stable isotope evidence of trophic interactions between introduced brook trout Salvelinus fontinalis and native brown trout Salmo trutta in a mountain stream of south-west France"

OR

"Reduced condition factor of two native fish species coincident with invasion of non-native Asian carps in the Illinois River, USA - Is this evidence for competition and reduced fitness?"

OR

"Bayesian statistical data assimilation for ecosystem models using Markov Chain Monte Carlo"

OR

"Adaptive harvest management of North American waterfowl populations: a brief history and future prospects"

OR

"A sediment budget for an urbanizing watershed, 1951-1996, Montgomery County, Maryland, U. S. A."

OR

"Applications of ecological niche modeling for species delimitation: A review and empirical evaluation using day geckos (Phelsuma) from Madagascar"

OR

"Distance rules for minimum counts of Eurasian lynx Lynx lynx family groups under different ecological conditions"

OR

"An evaluation of structured snow-track surveys to monitor Eurasian lynx Lynx lynx populations"

OR

"Daily high-resolution-blended analyses for sea surface temperature"

OR

"Validity of SeaDAS water constituents retrieval algorithms in Australian tropical coastal waters"

OR

"Emission rates, survival, and modeled dispersal of viable pollen of creeping bentgrass"

OR

"Random forests for classification in ecology"

OR

"Meteorological influences on algal bloom potential in a nutrient-rich blackwater river"

OR

"Can niche-based distribution models outperform spatial interpolation?"

OR

"Conservation planning in a changing world"

OR

"The risk of establishment of aquatic invasive species: joining invasibility and propagule pressure"

OR

"Spatial heterogeneity and diversity of vegetation at the landscape level in Inner Mongolia, China, with special reference to water resources"

OR

"Process-based modelling of invertebrate drift transport, net energy intake and reach carrying capacity for drift-feeding salmonids"

OR

"Methods to account for spatial autocorrelation in the analysis of species distributional data: a review"

OR

"Tree growth inference and prediction from diameter censuses and ring widths"

OR

"An effective screening design for sensitivity analysis of large models"

OR

"Modeling and forecasting pelagic fish production using univariate and multivariate ARIMA models"

OR

"Winter diatom blooms in a regulated river in South Korea: explanations based on evolutionary computation"

OR

"Will northern fish populations be in hot water because of climate change?"

OR

"Positive linear relationship between productivity and diversity: evidence from the Eurasian Steppe"

OR

"Remote sensing-based predictors improve distribution models of rare, early successional and broadleaf tree species in Utah"

OR

"How did common ragweed (Ambrosia artemisiifolia L.) spread in Quebec? A historical analysis using herbarium records"

OR

"Small-scale variability in growth and condition of dab Limanda limanda (L.) larvae in relation to an Irish Sea tidal-mixing front off the west coast of the Isle of Man"

OR

"Summer stream habitat partitioning by sympatric Arctic charr, Atlantic salmon and brown trout in two sub-arctic rivers"

OR

"Systematic bias in land surface models"

OR

"Landscape connectivity and animal behavior: functional grain as a key determinant for dispersal"

OR

"Spatial patterns of macroinvertebrate functional feeding groups in streams in relation to physical variables and land-cover in Southwestern France"

OR

"Aerobic metabolic rates of swimming juvenile mako sharks, Isurus oxyrinchus"

OR

"System design and evaluation of coupled ensemble data assimilation for global oceanic climate studies"

OR

"Divergent responses of Pygoscelis penguins reveal a common environmental driver"

OR

"Density dependence in the terrestrial life history stage of two anurans"

OR

"Algorithms and applications for approximate nonnegative matrix factorization"

OR

"Elevated birch pollen episodes in Denmark: contributions from remote sources"

OR

"Allergenic pollen and pollen allergy in Europe"

OR

"Decision tree models for prediction of macroinvertebrate taxa in the river axios (Northern greece)"

OR

"Process-based modeling of species' distributions: What limits temperate tree species' range boundaries?"

OR

"Analyzing animal movements using Brownian bridges"

OR

"Experimental implementation of an ensemble adjustment filter for an intermediate ENSO model"

OR

"Interannual differences in growth and hatch date distributions of age-0 year walleye pollock Theragra chalcogramma (Pallas) sampled from the Shumagin Islands region of the Gulf of Alaska, 1985-2001"

OR

"Statistical methods for the qualitative assessment of dynamic models with time delay (R package qualV)"

OR

"Estimating and analyzing demographic models using the popbio package in R"

OR

"Re-production and survival of Yellowstone bison"

OR

"The temperature response of C-3 and C-4 photosynthesis"

OR

"The effect of temperature on C-4-type leaf photosynthesis parameters"

OR

"Interactive effects of habitat modification and species invasion on native species decline"

OR

"Ecology - Doing battle with the green monster of Taihu Lake"

OR

"Host specificity of Lepidoptera in tropical and temperate forests"

OR

"The long-range transport of birch (Betula) pollen from Poland and Germany causes significant pre-season concentrations in Denmark"

OR

"Use of integrated modeling to enhance estimates of population dynamics obtained from limited data"

OR

"Active adaptive management for conservation"

OR

"Savanna responses to feral buffalo in Kakadu National Park, Australia"

OR

"Evidence of climatic niche shift during biological invasion"

OR

"Global warming and the disruption of plant-pollinator interactions"

OR

"A simple model for forecast of coastal algal blooms"

OR

"Pollen dispersal by Artemisia tridentata (Asteraceae)"

OR

"Designing a network for butterfly habitat restoration: where individuals, populations and landscapes interact"

OR

"Relationship between evapotranspiration and precipitation pulses in a semiarid rangeland estimated by moisture flux towers and MODIS vegetation indices"

OR

"The energetics of rheotactic behaviour in Pterygoplichthys spp. (Teleostei : Loricariidae)"

OR

"Emigration and density dependence in yellowstone bison"

OR

"Securing alternative funding for wildlife management: Insights from agency leaders"

OR

"Time after time: flowering phenology and biotic interactions"

OR

"Estimating reference evapotranspiration with the FAO Penman-Monteith equation using daily weather forecast messages"

OR

"Uncertainty in hydrologic modeling: Toward an integrated data assimilation framework"

OR

"Least squares model averaging"

OR

"Spatial population structure of Yellowstone bison"

OR

"Remote sensing and the rancher: Linking rancher perception and remote sensing"

OR

"Shifting plant phenology in response to global change"

OR

"Different responses of MODIS-derived NDVI to root-zone soil moisture in semi-arid and humid regions"

OR

"Grassland ecosystems in China: review of current knowledge and research advancement"

OR

"AVHRR derived phenological change in the Sahel and Soudan, Africa, 1982-2005"

OR

"Current problems in the management of marine fisheries"

OR

"West Nile virus emergence and large-scale declines of North American bird populations"

OR

"The cane toad's (Chaunus [Bufo] marinus) increasing ability to invade Australia is revealed by a dynamically updated range model"

OR

"Indoor and outdoor pollen concentrations in private and public spaces during the Betula pollen season"

OR

"The contribution of long-distance transport to the presence of Ambrosia pollen in central northern Italy"

OR

"Hierarchical spatiotemporal matrix models for characterizing invasions"

OR

"Ecological mechanisms linking protected areas to surrounding lands"

OR

"Can reindeer overabundance cause a trophic cascade?"

OR

"Intensive trapping and increased fish predation cause massive population decline of an invasive crayfish"

OR

"Evolution on ecological time-scales"

OR

"OptIC project: An intercomparison of optimization techniques for parameter estimation in terrestrial biogeochemical models"

OR

"The impact of sea ice on the initiation of the spring bloom on the Newfoundland and Labrador Shelves"

OR

"Model projections of an imminent transition to a more arid climate in southwestern North America"

OR

"The food web structure and ecosystem properties of a filter-feeding carps dominated deep reservoir ecosystem"

OR

"Environmental issues of Lake Taihu, China"

OR

"Developing management procedures that are robust to uncertainty: lessons from the International Whaling Commission"

OR

"Why a management procedure approach? Some positives and negatives"

OR

"FLR: an open-source framework for the evaluation and development of management strategies"

OR

"A review on reflective remote sensing and data assimilation techniques for enhanced agroecosystem modeling"

OR

"Changes in landscape composition influence the decline of a threatened woodland caribou population"

OR

"Impact of spatial and temporal variation in calf survival on the growth of elk populations"

OR

"Quantification of the vital rates, abundance, and status of a critical, endemic population of Bonneville cutthroat trout"

OR

"Multiscale wolf predation risk for elk: does migration reduce risk?"

OR

"Grazing-induced modifications to peak standing crop in northern mixed-grass prairie"

OR

"Model evaluation guidelines for systematic quantification of accuracy in watershed simulations"

OR

"Elucidation and short-term forecasting of microcystin concentrations in Lake Suwa (Japan) by means of artificial neural networks and evolutionary algorithms"

OR

"Recruitment prediction with genetic algorithms with application to the Pacific Herring fishery"

OR

"Predictive function and rules for population dynamics of Micyocystis aeruginosa in the regulated Nakdong River (South Korea), discovered by evolutionary algorithms"

OR

"The role of sensitivity analysis in ecological modelling"

OR

"Rapid expansion of the cane toad (Bufo marinus) invasion front in tropical Australia"

OR

"Partial migration and philopatry of Yellowstone pronghorn"

OR

"Phenological and geographical patterns of walleye pollock (Theragra chalcogramma) spawning in the western Gulf of Alaska"

OR

"Impacts of livestock grazing and tree clearing on birds of woodland and riparian habitats"

OR

"Spatial analysis for spring bloom and nutrient limitation in Xiangxi bay of three Gorges Reservoir"

OR

"Environmental variation is directly responsible for short- but not long-term variation in forest-atmosphere carbon exchange"

OR

"Artificial neural network approaches to one-step weekly prediction of Dinophysis acuminata blooms in Huelva (Western Andalucia, Spain)"

OR

"Atmospheric correction algorithm for MERIS above case-2 waters"

OR

"Using a stochastic model to examine the ecological, economic and ethical consequences of population control in a charismatic invasive species: mute swans in North America"

OR

"Stream temperature surges under urbanization and climate change: Data, models, and responses"

OR

"From the Apennines to the Alps: colonization genetics of the naturally expanding Italian wolf (Canis lupus) population"

OR

"Regional-scale climate-variability synchrony of cholera epidemics in West Africa"

OR

"The evolutionary demography of ecological change: Linking trait variation and population growth"

OR

"Density dependence and density independence during the early life stages of four marine fish stocks"

OR

"FLUXNET and modelling the global carbon cycle"

OR

"Estimating parameters in a land-surface model by applying nonlinear inversion to eddy covariance flux measurements from eight FLUXNET sites"

OR

"Effects of incorporating spatial autocorrelation into the analysis of species distribution data"

OR

"Effects of landscape heterogeneity on the emerging forest disease sudden oak death"

OR

"Effects of salinity and temperature on the post-embryonic development of Eurytemora affinis (Copepoda; Calanoida) from the Seine estuary: a laboratory study"

OR

"Using sparse survey data to investigate the declining abundance of British harbour seals"

OR

"Ecological-economic models of sustainable harvest for an endangered but exotic megaherbivore in northern Australia"

OR

"Spatial patterns of pinyon-juniper woodland expansion in central Nevada"

OR

"Local population dynamics of an invasive tree species with a complex life-history cycle: A stochastic matrix model"

OR

"Assessing the potential impact of salmon fisheries management on the conservation status of harbour seals (Phoca vitulina) in north-east Scotland"

OR

"Removal of nonnative fish results in population expansion of a declining amphibian (mountain yellow-legged frog, Rana muscosa)"

OR

"The contribution of headwater streams to biodiversity in river networks"

OR

"Evaluation of a surface flow bypass system for steelhead kelt passage at Bonneville Dam, Washington"

OR

"Linkage rules for plant-pollinator networks: Trait complementarity or exploitation barriers?"

OR

"Climate change and the marine ecosystem of the western Antarctic Peninsula"

OR

"A semi-empirical approach to projecting future sea-level rise"

OR

"Climate change affects marine fishes through the oxygen limitation of thermal tolerance"

OR

"Divergence of reproductive phenology under climate warming"

OR

"Risk assessment for invasive species produces net bioeconomic benefits"

OR

"Assessment of pasture production in the Italian Alps using spectrometric and remote sensing information"

OR

"Plant-animal mutualistic networks: The architecture of biodiversity"

OR

"Terrestrial carbon-cycle feedback to climate warming"

OR

"Bayesian Methods for Ecology"

OR

"The value of adding optics to ecosystem models: a case study"

OR

"Microbiology and atmospheric processes: the role of biological particles in cloud physics"

OR

"Technical Summary"

OR

"Couplings Between Changes in the Climate System and Biogeochemistry"

OR

"An ecosystem modeling approach to predicting cod recruitment"

OR

"Interannual fluctuations in recruitment of walleye pollock in the Oyashio region related to environmental changes"

OR

"Residence time and potential range: crucial considerations in modelling plant invasions"

OR

"Evaluation of weed eradication programs: containment and extirpation"

OR

"Terrestrial carbon sinks for the United States predicted from MODIS satellite data and ecosystem modeling"

OR

"Forecasting New Zealand mudsnail invasion range: Model comparisons using native and invaded ranges"

OR

"Ecology of Weeds and Invasive Plants: Relationship to Agriculture and Natural Resource Management, 3rd Edition"

OR

"Testing for time series linearity"

OR

"Global scale climate - crop yield relationships and the impacts of recent warming"

OR

"The biogeography of prediction error: why does the introduced range of the fire ant over-predict its native range?"

OR

"Links between pollen, atopy and the asthma epidemic"

OR

"Biophysical modelling and NDVI time series to project near-term forage supply: spectral analysis aided by wavelet denoising and ARIMA modelling"

OR

"Can human-induced land degradation be distinguished from the effects of rainfall variability? A case study in South Africa"

OR

"Predicting species distributions from small numbers of occurrence records: a test case using cryptic geckos in Madagascar"

OR

"Behavior of Platanus hispanica pollen, an important spring aeroallergen in northwestern Spain"

OR

"Summer algal blooms in shallow estuaries: Definition, mechanisms, and link to eutrophication"

OR

"Binary dietary responses of northern gannets Sula bassana indicate changing food web and oceanographic conditions"

OR

"Fish and oil in the Lofoten-Barents Sea system: synoptic review of the effect of oil spills on fish populations"

OR

"Cross-frontal variation in growth rate and prey availability of larval North Sea cod Gadus morhua"

OR

"Climate forcing of the spring bloom in Chesapeake Bay"

OR

"Predicting the distribution of the scyphomedusa Chrysaora quinquecirrha in Chesapeake Bay"

OR

"Multiscale terrain analysis of multibeam bathymetry data for habitat mapping on the continental slope"

OR

"Lessons from monitoring trends in abundance of marine mammals"

OR

"Muncheberg field trial data set for agro-ecosystem model validation"

OR

"Assimilation of ocean colour data into a biogeochemical flux model of the eastern Mediterranean sea"

OR

"Use of otolith chemistry and radiotelemetry to determine age-specific migratory patterns of anadromous bull trout in the Hoh River, Washington"

OR

"Ensemble forecasting of species distributions"

OR

"Acoustic attractants enhance trapping success for cane toads"

OR

"Current and future threats from non-indigenous animal species in northern Australia: a spotlight on World Heritage Area Kakadu National Park"

OR

"Connecting the dots: an invariant migration corridor links the Holocene to the present"

OR

"Eulerian modelling of pollen dispersal over heterogeneous vegetation canopies"

OR

"Quantifying uncertainty in predictions of invasiveness, with emphasis on weed risk assessment"

OR

"Parasitological consequences of overcrowding in protected areas"

OR

"Dynamics of prion disease transmission in mule deer"

OR

"Demographic models inform selection of biocontrol agents for garlic mustard (Alliaria petiolata)"

OR

"Calcium additions and microbial nitrogen cycle processes in a northern hardwood forest"

OR

"Time-series modeling of fishery landings using ARIMA models and Fuzzy Expected Intervals software"

OR

"Diet of Eurasian lynx, Lynx lynx, in the boreal forest of southeastern Norway: the relative importance of livestock and hares at low roe deer density"

OR

"Assessing the accuracy of species distribution models: prevalence, kappa and the true skill statistic (TSS)"

OR

"Measuring the demographic and genetic effects of pest control in a highly persecuted feral pig population"

OR

"Quantifying temporal variability in population abundances"

OR

"Monitoring for conservation"

OR

"Evaluating the ability of habitat suitability models to predict species presences"

OR

"Allee effects and pulsed invasion by the gypsy moth"

OR

"Toad on the road: Use of roads as dispersal corridors by cane toads (Bufo marinus) at an invasion front in tropical Australia"

OR

"Ecosystem models show combined effects of fishing, predation, competition, and ocean productivity on Steller sea lions (Eumetopias jubatus) in Alaska"

OR

"River phytoplankton prediction model by Artificial Neural Network: Model performance and selection of input variables to predict time-series phytoplankton proliferations in a regulated river system"

OR

"Temperature affects activity and feeding motivation in Pacific halibut: Implications for bait-dependent fishing"

OR

"Strategic and Tactial prediction of forage production in northern mixed-grass prairie"

OR

"A spatially explicit model for an Allee effect: Why wolves recolonize so slowly in Greater Yellowstone"

OR

"Experimental effects of nonnative brown trout on the individual- and population-level performance of native bonneville cutthroat trout"

OR

"The network of sheep movements within Great Britain: network properties and their implications for infectious disease spread"

OR

"Climate variability, fish, and fisheries"

OR

"Comparison of approaches for spatial interpolation of daily air temperature in a large region with complex topography and highly variable station density"

OR

"Threat and response: A decade of decline in a regionally endangered rainforest palm affected by fire and introduced animals"

OR

"Recruitment variability in Baltic Sea sprat (Sprattus sprattus) is tightly coupled to temperature and transport patterns affecting the larval and early juvenile stages"

OR

"Sex, isolation and fidelity: unbiased long-distance dispersal in a terrestrial amphibian"

OR

"European phenological response to climate change matches the warming pattern"

OR

"Managing outbreaks of invasive species: Eradication versus suppression"

OR

"Are niche-based species distribution models transferable in space?"

OR

"Growth of newly established alien populations: comparison of North American gypsy moth colonies with invasion theory"

OR

"Shaping global environmental decisions using socio-ecological models"

OR

"Adding biofuels to the invasive species fire?"

OR

"Use of a complex air pollution model to estimate dispersal and deposition of grass stem rust urediniospores at landscape scale"

OR

"Testing evapotranspiration equations using lysimeter observations in a semiarid climate"

OR

"A standard protocol for describing individual-based and agent-based models"

OR

"Population dynamics of infectious diseases: A discrete time model"

OR

"Testing a distributed snowpack simulation model against spatial observations"

OR

"Diverse responses of phenology to global changes in a grassland ecosystem"

OR

"Meteorological influences on respirable fragment release from Chinese elm pollen"

OR

"Is spread of the neophyte Spartina anglica recently enhanced by increasing temperatures?"

OR

"Quantifying uncertainty in the potential distribution of an invasive species: climate and the Argentine ant"

OR

"Detecting salinity hazards within a semiarid context by means of combining soil and remote-sensing data"

OR

"Altered geographic and temporal variability in phenology in response to climate change"

OR

"Modeling fleet response in regulated fisheries: An agent-based approach"

OR

"Remote sensing for grassland management in the arid Southwest"

OR

"The package \"adehabitat\" for the R software: A tool for the analysis of space and habitat use by animals"

OR

"Climatology of winter cold spells in relation to mountain pine beetle mortality in British Columbia, Canada"

OR

"Modeling the spread of the Emerald Ash Borer"

OR

"Estimates of global terrestrial isoprene emissions using MEGAN (Model of Emissions of Gases and Aerosols from Nature)"

OR

"Conservation value of non-native banteng in northern Australia"

OR

"Mechanisms generating modification of benthos following tidal flat invasion by a Spartina hybrid"

OR

"Temporal variability in winter travel patterns of Yellowstone bison: The effects of road grooming"

OR

"Estimating density dependence, process noise, and observation error"

OR

"Serengeti wildebeest migratory patterns modeled from rainfall and new vegetation growth"

OR

"Time series forecasting of cyanobacteria blooms in the Crestuma Reservoir (Douro River, Portugal) using artificial neural networks"

OR

"Modeling of oak pollen dispersal on the landscape level with a mesoscale atmospheric model"

OR

"An evolutionary approach to the combination of multiple classifiers to predict a stock price index"

OR

"Potential climatic suitability for establishment of Phytophthora ramorum within the contiguous United States"

OR

"Compensation for inundation-induced embryonic diapause in a freshwater turtle: achieving predictability in the face of environmental stochasticity"

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"Diffusion maps"

OR

"Survival rates and causes of mortality in Eurasian lynx (Lynx lynx) in multi-use landscapes"

OR

"Propagule pressure: A null model for biological invasions"

OR

"Phylogenetic dispersion of host use in a tropical insect herbivore community"

OR

"Optimal eradication: when to stop looking for an invasive plant"

OR

"Towards numerical forecasting of long-range air transport of birch pollen: theoretical considerations and a feasibility study"

OR

"Use of prewhitening in climate regime shift detection"

OR

"Spatial network structure and amphibian persistence in stochastic environments"

OR

"Landscape level analysis of mountain pine beetle in British Columbia, Canada: spatiotemporal development and spatial synchrony within the present outbreak"

OR

"Social dilemmas and public range management in Nevada"

OR

"Disease risks and overabundance of game species"

OR

"Do geographic distribution, niche property and life form explain plants' vulnerability to global change?"

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"Modelling distribution and abundance with presence-only data"

OR

"Daily dynamics of nutrients and chlorophyll a during a spring phytoplankton bloom in Xiangxi Bay of the Three Gorges Reservoir"

OR

"Data assimilation for estimating the terrestrial water budget using a constrained ensemble Kalman filter"

OR

"Mechanistic models for wind dispersal"

OR

"Ensuring the future of state wildlife management: Understanding challenges for institutional change"

OR

"Comparison of different satellite sensors in detecting cyanobacterial bloom events in the Baltic Sea"

OR

"Two-way interaction of input variables in the sensitivity analysis of neural network models"

OR

"Methodological issues in building, training, and testing artificial neural networks in ecological applications"

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"Probabilistic inversion of a terrestrial ecosystem model: Analysis of uncertainty in parameter estimation and model prediction"

OR

"Estimating source carbon from crop residues, roots and rhizodeposits using the national grain-yield database"

OR

"Traffic, susceptibility, and childhood asthma"

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"Measuring the strength of environment-recruitment relationships: the importance of including predictor screening within cross-validations"

OR

"Incorporating movement into models of grey seal population dynamics"

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"Replacing trip limits with individual transferable quotas: implications for discarding"

OR

"A unified framework for assessment and application of ecological thresholds"

OR

"Daily reference evapotranspiration estimates by the \"Copais\" approach"

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"Global traffic and disease vector dispersal"

OR

"Malaria resurgence in the East African highlands: Temperature trends revisited"

OR

"Using niche-based models to improve the sampling of rare species"

OR

"Novel methods improve prediction of species' distributions from occurrence data"

OR

"Should managed populations be monitored every year?"

OR

"Predictive models in ecology: Comparison of performances and assessment of applicability"

OR

"Time series analysis and forecasting techniques applied on loliginid and ommastrephid landings in Greek waters"

OR

"Emerald ash borer: Invasion of the urban forest and the threat to North America's ash resource"

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"Structure in plant-animal interaction assemblages"

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"Sea ice affects the population dynamics of Adelie penguins in Terre Adelie"

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"A manifesto for the equifinality thesis"

OR

"Regional calibration of Hargreaves equation for estimating reference ET in a semiarid environment"

OR

"Future change of precipitation extremes in Europe: Intercomparison of scenarios from regional climate models"

OR

"Can the invaded range of a species be predicted sufficiently using only native-range data? Lehmann lovegrass (Eragrostis lehmanniana) in the southwestern United States"

OR

"Opposing effects of native and exotic herbivores on plant invasions"

OR

"May the definition of pollen season influence aerobiological results?"

OR

"Quantifying uncertainty in predictions of invasiveness"

OR

"Site occupancy models with heterogeneous detection probabilities"

OR

"North American regional reanalysis"

OR

"Newer classification and regression tree techniques: Bagging and random forests for ecological prediction"

OR

"Correlation of ambient inhalable bioaerosols with particulate matter and ozone: A two-year study"

OR

"Monitoring cyanobacterial blooms by satellite remote sensing"

OR

"Contrasting population changes in sympatric penguin species in association with climate warming"

OR

"Identification of current ecosystem functional types in the Iberian Peninsula"

OR

"The ensemble Kalman filter for continuous updating of reservoir simulation models"

OR

"Machine learning approaches for estimation of prediction interval for the model output"

OR

"Can improvement in photosynthesis increase crop yields?"

OR

"The role of wild animal populations in the epidemiology of tuberculosis in domestic animals: How to assess the risk"

OR

"Invasion and the evolution of speed in toads"

OR

"Forecasting 3-D fish movement behavior using a Eulerian-Lagrangian-agent method (ELAM)"

OR

"A lack of native congeners may limit colonization of introduced conifers by indigenous insects in Europe"

OR

"Alternatives to statistical hypothesis testing in ecology: A guide to self teaching"

OR

"Forecasting extinction risk with nonstationary matrix models"

OR

"Hidden process models for animal population dynamics"

OR

"Demographic determination of the shape of density dependence for three African ungulate populations"

OR

"A resource-depletion model of forest insect outbreaks"

OR

"Model-data synthesis of diurnal and seasonal CO2 fluxes at Niwot Ridge, Colorado"

OR

"Toxic microcystis is widespread in Lake Erie: PCR detection of toxin genes and molecular characterization of associated cyanobacterial communities"

OR

"A review and classification of the existing models of cyanobacteria"

OR

"Maximum entropy modeling of species geographic distributions"

OR

"A vertical-compressed three-dimensional ecological model in Lake Taihu, China"

OR

"A multi-site analysis of random error in tower-based measurements of carbon and energy fluxes"

OR

"Spread dynamics of invasive species"

OR

"Prediction of airborne Alnus pollen concentration by using Arima models"

OR

"Quercus pollen season dynamics in the Iberian Peninsula: Response to meteorological parameters and possible consequences of climate change"

OR

"The new bioinformatics: Integrating ecological data from the gene to the biosphere"

OR

"Ecological and evolutionary responses to recent climate change"

OR

"Review of the governing equations, computational algorithms, and other components of the models-3 Community Multiscale Air Quality (CMAQ) modeling system"

OR

"Juvenile tree growth and demography in response to feral water buffalo in savannas of northern Australia: an experimental field study in Kakadu National Park"

OR

"Long-term effects of free air CO2 enrichment (FACE) on soil respiration"

OR

"Modelling local and long-distance dispersal of invasive emerald ash borer Agrilus planipennis (Coleoptera) in North America"

OR

"Untitled"

OR

"Discovery of predictive rule sets for chlorophyll-a dynamics in the Nakdong River (Korea) by means of the hybrid evolutionary algorithm HEA"

OR

"Progressive nitrogen limitation of ecosystem processes under elevated CO2 in a warm-temperate forest"

OR

"Interannual changes in sablefish (Anoplopoma fimbria) recruitment in relation to oceanographic conditions within the California Current System"

OR

"Retention mechanisms of white perch (Morone americana) and striped bass (Morone saxatilis) early-life stages in an estuarine turbidity maximum: an integrative fixed-location and mapping approach"

OR

"Considerations in the grouping of plant and fungal taxa for an epidemiologic study"

OR

"Long distance pollen transport cause problems for determining the timing of birch pollen season in Fennoscandia by using phenological observations"

OR

"Traffic-related air pollutants induce the release of allergen-containing cytoplasmic granules from grass pollen"

OR

"Unravelling and predicting ecosystem behaviours of Lake Soyang (South Korea) in response to seasonality and management by means of artificial neural networks"

OR

"Another look at measures of forecast accuracy"

OR

"A spatially explicit approach to estimating species occupancy and spatial correlation"

OR

"Modeling the probability of resource use: The effect of, and dealing with, detecting a species imperfectly"

OR

"Spatial and temporal variability in factors affecting mesozooplankton dynamics in Chesapeake Bay: Evidence from biomass size spectra"

OR

"Cod and climate: effect of the North Atlantic Oscillation on recruitment in the North Atlantic"

OR

"Going against the flow: retention, range limits and invasions in advective environments"

OR

"Risk of extirpation of Steller sea lions in the Gulf of Alaska and Aleutian Islands: A population viability analysis based on alternative hypotheses for why sea lions declined in western Alaska"

OR

"An alternative coordinate system for solving finite difference ocean models"

OR

"A simple tool for the early prediction of the cyanobacteria Nodularia spumigena bloom biomass in the Gulf of Finland"

OR

"Empirical and virtual investigation of the population dynamics of an alien plant under the constraints of local carrying capacity: Heracleum mantegazzianum in the Czech Republic"

OR

"Modeling spatial dynamics of Steller sea lions (Eumetopias jubatus) using maximum likelihood and Bayesian methods: Evaluating causes for population decline"

OR

"Study on Influence of Rainfall Distribution on NDVI Anomaly over the Arid Regions in Mongolia Using an Operational Weather Radar"

OR

"Structured elicitation of expert judgement for probabilistic hazard and risk assessment in volcanic eruptions"

OR

"Behavioral and physiological responses of Eared Grebes (Podiceps nigricollis) to variations in brine shrimp (Artemia franciscana) densities"

OR

"Analysis of the linkages between rainfall and land surface conditions in the West African monsoon through CMAP, ERS-WSC, and NOAA-AVHRR data"

OR

"Invasive exotic plants suffer less herbivory than non-invasive exotic plants"

OR

"Genetic programming for analysis and real-time prediction of coastal algal blooms"

OR

"Estimate of the eutrophication process in the Gruza Reservoir (Serbia and Montenegro)"

OR

"Elevated CO2 and defoliation effects on a shortgrass steppe: Forage quality versus quantity for ruminants"

OR

"Using dispersion and mesoscale meteorological models to forecast pollen concentrations"

OR

"Barriers and flow as limiting factors in the spread of an invasive crayfish (Procambarus clarkii) in southern California streams"

OR

"An experimental evaluation of competitive and thermal effects on brown trout (Salmo trutta) and Bonneville cutthroat trout (Oncorhynchus clarkii utah) performance along an altitudinal gradient"

OR

"Matrix model investigation of invasive species control: Bullfrogs on Vancouver Island"

OR

"Population size in stream-living juveniles of lake-migratory brown trout Salmo trutta L.: the importance of stream discharge and temperature"

OR

"Niche-based modelling as a tool for predicting the risk of alien plant invasions at a global scale"

OR

"Very high resolution interpolated climate surfaces for global land areas"

OR

"Slowing down a pine invasion despite uncertainty in demography and dispersal"

OR

"The use of numerical weather forecast model predictions as a source of data for irrigation modelling"

OR

"When can noise induce chaos and why does it matter: a critique"

OR

"Using agent-based models to aid reef restoration: Enhancing coral cover and topographic complexity through the spatial arrangement of coral transplants"

OR

"Global pattern of trends in streamflow and water availability in a changing climate"

OR

"Pattern-oriented modeling of agent-based complex systems: Lessons from ecology"

OR

"Enemy release? An experiment with congeneric plant pairs and diverse above- and belowground enemies"

OR

"Reducing uncertainty in projections of extinction risk from climate change"

OR

"Detecting Karenia brevis blooms and algal resuspension in the western Gulf of Mexico with satellite ocean color imagery"

OR

"A model to predict climate-change impact on fish catch in the world oceans"

OR

"Analysis of atmospheric CO2 growth rates at Mauna Loa using CO2 fluxes derived from an inverse model"

OR

"Cascading effects of overfishing marine systems"

OR

"ROCR: visualizing classifier performance in R"

OR

"A comparison of methods for estimating fractional green vegetation cover within a desert-to-upland transition zone in central New Mexico, USA"

OR

"Quantifying sources of variation in the frequency of fungi associated with spruce beetles: Implications for hypothesis testing and sampling methodology in bark beetle-symbiont relationships"

OR

"Resource availability controls bird-assemblage composition through interspecific aggression"

OR

"Real time observations of coastal algal blooms by an early warning system"

OR

"Implications of climate change for the management of North Sea cod (Gadus morhua)"

OR

"Establishment of an emerging generalist pathogen in redwood forest communities"

OR

"The 1999 Long Island Sound Lobster mortality event: Findings of the Comprehensive Research Initiative"

OR

"Yellowstone bison fetal development and phenology of parturition"

OR

"Evaluation of alternate harvesting strategies using experimental microcosms"

OR

"Operational multivariate ocean data assimilation"

OR

"Eutrophication model for Lake Washington (USA) Part I. Model description and sensitivity analysis"

OR

"Empirical models of pollen limitation, resource acquisition, and mast seeding by a bee-pollinated wildflower"

OR

"Impact of feral water buffalo and fire on growth and survival of mature savanna trees: An experimental field study in Kakadu National Park, northern Australia"

OR

"Effects of fire return rates on traversability of lodgepole pine forests for mountain pine beetle (Coleoptera : Scolytidae) and the use of patch metrics to estimate traversability"

OR

"Predicting species distribution: offering more than simple habitat models"

OR

"Performance of two stochastic approaches for forecasting water quality and streamflow data from Yesil iota rmak River, Turkey"

OR

"Urbanization effects on stream fish assemblages in Maryland, USA"

OR

"Stream restoration in urban catchments through redesigning stormwater systems: looking to the catchment to save the stream"

OR

"The urban stream syndrome: current knowledge and the search for a cure"

OR

"Risk and nonindigenous species management"

OR

"Statistical modeling of ecosystem respiration using eddy covariance data: Maximum likelihood parameter estimation, and Monte Carlo simulation of model and parameter uncertainty, applied to three simple models"

OR

"Pine forest expansion along a forest-meadow ecotone in northeastern California, USA"

OR

"Improving water management: The Irrigation Advisory Service of Castilla-La Mancha (Spain)"

OR

"Climate change causing phase transitions of walleye pollock (Theragra chalcogramma) recruitment dynamics"

OR

"Simulating the spatial dynamics of foot and mouth disease outbreaks in feral pigs and livestock in Queensland, Australia, using a susceptible-infected-recovered cellular automata model"

OR

"Importance of the seed bank for population viability and population monitoring in a threatened wetland herb"

OR

"Invertebrate biodiversity in agricultural and urban headwater streams: Implications for conservation and management"

OR

"Physical factors vs. biotic resistance in controlling the invasion of an estuarine marsh grass"

OR

"Population viability and reintroduction strategies: A spatially explicit landscape-level approach"

OR

"Dynamic design of ecological monitoring networks for non-Gaussian spatio-temporal data"

OR

"Nutrients, light and phytoplankton succession in a temperate. estuary (the Guadiana, south-western Iberia)"

OR

"Inversion of terrestrial ecosystem model parameter values against eddy covariance measurements by Monte Carlo sampling"

OR

"Population dynamics of harbour seals Phoca vitulina in England: monitoring growth and catastrophic declines"

OR

"The accuracy of matrix population model projections for coniferous trees in the Sierra Nevada, California"

OR

"Mule deer seasonal movements and multiscale resource selection using global positioning system radiotelemetry"

OR

"Numerical modelling of phytoplankton biomass in coastal waters"

OR

"Linking leaf and root trait syndromes among 39 grassland and savannah species"

OR

"Plant N capture from pulses: effects of pulse size, growth rate, and other soil resources"

OR

"Global consequences of land use"

OR

"Characteristics and distribution of potential ash tree hosts for emerald ash borer"

OR

"Relationships between tree growth and NDVI of grassland in the semi-arid grassland of north China"

OR

"Simulating control strategies for a spatially structured weed invasion: Spartina alterniflora (Loisel) in Pacific Coast estuaries"

OR

"Soil carbon sequestration and turnover in a pine forest after six years of atmospheric CO2 enrichment"

OR

"Local and landscape influence on amphibian occurrence and abundance"

OR

"Does recreational hunting of lynx reduce depredation losses of domestic sheep?"

OR

"Effects of landscape corridors on seed dispersal by birds"

OR

"Vegetation-soil water interaction within a dynamical ecosystem model of grassland in semi-arid areas"

OR

"Uncertainty in eddy covariance measurements and its application to physiological models"

OR

"Monitoring temporal change in riparian vegetation of Great Basin National Park"

OR

"Experimental demonstration of chaos in a microbial food web"

OR

"A regional ocean modeling system for the Long-term Ecosystem Observatory"

OR

"Large-scale comparative analysis of pertussis population dynamics: Periodicity, synchrony, and impact of vaccination"

OR

"Trophic cascades in a formerly cod-dominated ecosystem"

OR

"Climate change threats to plant diversity in Europe"

OR

"Limits to the use of environmental indices to reduce risk and/or increase yield in the South African anchovy fishery"

OR

"Preliminary evidence of a barrier effect of a railroad on the migration of Mongolian gazelles"

OR

"Selecting thresholds of occurrence in the prediction of species distributions"

OR

"The importance of plant relatedness for host utilization among phytophagous insects"

OR

"Quantification of toxic Microcystis spp. during the 2003 and 2004 blooms in western Lake Erie using quantitative real-time PCR"

OR

"Evaluating active and passive sampling methods to quantify crayfish density in a freshwater wetland"

OR

"The Circumpolar Arctic vegetation map"

OR

"Spatial epidemiology: an emerging (or re-emerging) discipline"

OR

"Effectiveness of coypu control in small Italian wetland areas"

OR

"Cattle movements and bovine tuberculosis in Great Britain"

OR

"Human-modified temperatures induce species changes: Joint attribution"

OR

"Distinguishing random environmental fluctuations from ecological catastrophes for the North Pacific Ocean"

OR

"Quantifying grazing intensities using geographic information systems and satellite remote sensing in the Xilingol steppe region, Inner Mongolia, China"

OR

"Response of foraging sheep to variability in the spatial distribution of resources"

OR

"Risk analysis for species introductions: forecasting population growth of Eurasian ruffe (Gymnocephalus cernuus)"

OR

"r-Selected traits in an invasive population"

OR

"An improved method of constructing a database of monthly climate observations and associated high-resolution grids"

OR

"The effect of bovine tuberculosis and brucellosis on reproduction and survival of wood bison in Wood Buffalo National Park"

OR

"The feeding ecology of Morone americana larvae in the Chesapeake Bay estuarine turbidity maximum: the influence of physical conditions and prey concentrations"

OR

"Using Bayesian model averaging to calibrate forecast ensembles"

OR

"Transmission of Phytophthora ramorum in mixed-evergreen forest in California"

OR

"Evaluation of GPFAR for simulation of forage production and cow-calf weights"

OR

"Are many little hammers effective? - Velvetleaf (Abutilon theophrasti) population dynamics in two- and four-year crop rotation systems"

OR

"Melioidosis: Epidemiology, pathophysiology, and management"

OR

"Effects of biotic and abiotic factors on the distribution of trout and salmon along a longitudinal stream gradient"

OR

"Summer and winter drought in a cold desert ecosystem (Colorado Plateau) part II: effects on plant carbon assimilation and growth"

OR

"Optimizing allocation of monitoring effort under economic and observational constraints"

OR

"Modeling flight activity and population dynamics of the pine engraver, Ips pini, in the Great Lakes region: effects of weather and predators over short time scales"

OR

"The mass of the atmosphere: A constraint on global analyses"

OR

"Demand for wildlife hunting in British Columbia"

OR

"Model-data synthesis in terrestrial carbon observation: methods, data requirements and data uncertainty specifications"

OR

"Summer and winter drought in a cold desert ecosystem (Colorado Plateau) part I: effects on soil water and plant water uptake"

OR

"Phylomatic: tree assembly for applied phylogenetics"

OR

"The Living Planet Index: using species population time series to track trends in biodiversity"

OR

"Support vector machines for predicting distribution of sudden oak death in California"

OR

"Update on the environmental and economic costs associated with alien-invasive species in the United States"

OR

"Bang for buck: cost-effective control of invasive species with different life histories"

OR

"Fungal flora associated with Ips typographus: frequency, virulence, and ability to stimulate the host defence reaction in relation to insect population levels"

OR

"Dispersal and the metapopulation paradigm in amphibian ecology and conservation: are all amphibian populations metapopulations?"

OR

"Population matrix models of Aeschynomene virginica, a rare annual plant: Implications for conservation"

OR

"An experimental test of whether habitat corridors affect pollen transfer"

OR

"Spatial analysis and eutrophication assessment for chlorophyll a in Taihu Lake"

OR

"Estimating diurnal to annual ecosystem parameters by synthesis of a carbon flux model with eddy covariance net ecosystem exchange observations"

OR

"Development of inland lakes as hubs in an invasion network"

OR

"Effects of terrestrial runoff on the ecology of corals and coral reefs: review and synthesis"

OR

"Evaluation of a prototype surface flow bypass for juvenile salmon and steelhead at the powerhouse of Lower Granite Dam, Snake River, Washington, 1996-2000"

OR

"Assessing spatial coupling in complex population dynamics using mutual prediction and continuity statistics"

OR

"On the relationship of NDVI with leaf area index in a deciduous forest site"

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"Improved treatment of uncertainty in hydrologic modeling: Combining the strengths of global optimization and data assimilation"

OR

"Group-theoretic algorithms for matrix multiplication"

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"Natural history of plague: Perspectives from more than a century of research"

OR

"Phytophthora ramorum: Integrative research and management of an emerging pathogen in California and Oregon forests"

OR

"Development of switchgrass (Panicum virgatum) as a bioenergy feedstock in the United States"

OR

"Biological and environmental characterization of marine macroalgal assemblages in Potter Cove, South Shetland Islands, Antarctica"

OR

"Modeling beetle movement by wind"

OR

"Why environmental scientists are becoming Bayesians"

OR

"The spatial spread of invasions: new developments in theory and evidence"

OR

"Spatio-temporal dynamics of plant invasions: Linking pattern to process"

OR

"Lag times and exotic species: The ecology and management of biological invasions in slow-motion"

OR

"Reconstructing a century of Spartina alterniflora invasion with historical records and contemporary remote sensing"

OR

"Breeze conditions as a favoring mechanism of Alexandrium taylori blooms at a Mediterranean beach"

OR

"Gaussian Processes for Machine Learning"

OR

"An improved analysis of forest carbon dynamics using data assimilation"

OR

"Transport of airborne pollen into the city of Thessaloniki: the effects of wind direction, speed and persistence"

OR

"spatstat: An R package for analyzing spatial point patterns"

OR

"Winter habitat selection by Sitka black-tailed deer"

OR

"Eutrophication of Chesapeake Bay: historical trends and ecological interactions"

OR

"Argus invasive species spread model constructed using agent-based modeling approach and cellular automata"

OR

"Recruitment of walleye pollock in a physically and biologically complex ecosystem: A new perspective"

OR

"Parallel structure among environmental gradients and three trophic levels in a subarctic estuary"

OR

"Impacts of new highways and subsequent landscape urbanization on stream habitat and biota"

OR

"Spatially explicit analyses unveil density dependence"

OR

"Interactive effects of substrate sand and silt contents, redd-scale hydraulic gradients, and interstitial velocities on egg-to-emergence survival of Atlantic salmon (Salmo salar)"

OR

"Consequences of an Allee effect in the invasion of a pacific estuary by Spartina alterniflora"

OR

"Postdiapause development and hatching rate of three grasshopper species (Orthoptera : Acrididae) in Inner Mongolia"

OR

"Monitoring the regional spread of the invasive leafminer Cameraria ohridella (Lepidoptera : Gracillariidae) by damage assessment and pheromone trapping"

OR

"Catch per unit effort standardization of the eastern Bering Sea walleye pollock (Theragra chalcogramma) fleet"

OR

"Invasive plants in wildland ecosystems: merging the study of invasion processes with management needs"

OR

"Finding optimal control strategies for invasive species: a density-structured model for Spartina alterniflora"

OR

"Modeling of cyanobacterial blooms in hypereutrophic Lake Dianchi, China"

OR

"An idealized study of the structure of long, partially mixed estuaries"

OR

"Serological diagnosis of bovine brucellosis: a review of test performance and cost comparison"

OR

"Gloucester fishery: insights from a group modeling intervention"

OR

"Support for hunting as a means of wolf Canis lupus population control in Sweden"

OR

"Changes in turbulent mixing shift competition for light between phytoplankton species"

OR

"Population time series: Process variability, observation errors, missing values, lags, and hidden states"

OR

"Quantitative detection of chlorophyll in cyanobacterial blooms by satellite remote sensing"

OR

"Multimodel inference - understanding AIC and BIC in model selection"

OR

"Mapping the risk of establishment and spread of sudden oak death in California"

OR

"Analysis of irrigation systems and irrigation strategies for durum wheat in Tunisia"

OR

"Modelling airborne concentration and deposition rate of maize pollen"

OR

"Impacts of climate change on aeroallergens: past and future"

OR

"TIMESAT - a program for analyzing time-series of satellite sensor data"

OR

"Different sensitivity of mayflies (Insecta, Ephemeroptera) to ammonia, nitrite and nitrate: linkage between experimental and observational data"

OR

"The impact of exotic trout on native charr in a Japanese stream"

OR

"An evaluation of methods for modelling species distributions"

OR

"A simplified linear framework for interpreting patterns of Northern Hemisphere wintertime climate variability"

OR

"A plankton population model with biomechanical descriptions of biological processes in an idealised 2D ocean basin"

OR

"Modifying the 'pulse-reserve' paradigm for deserts of North America: precipitation pulses, soil water, and plant responses"

OR

"Hierarchy of responses to resource pulses in and and semi-arid ecosystems"

OR

"Plant responses to precipitation in desert ecosystems: integrating functional types, pulses, thresholds, and delays"

OR

"Extensive summer water pulses do not necessarily lead to canopy growth of Great Basin and northern Mojave Desert shrubs"

OR

"Foraging costs of vigilance in large mammalian herbivores"

OR

"Detection and quantification of Phytophthora ramorum from California forests using a real-time polymerase chain reaction assay"

OR

"Pollen limitation causes an Allee effect in a wind-pollinated invasive grass (Spartina alterniflora)"

OR

"Modelling olive flowering date using chilling for dormancy release and thermal time"

OR

"Evaluation of the ability of the crop model STICS to recommend nitrogen fertilisation rates according to agro-environmental criteria"

OR

"The spatial-temporal distribution of drought, wetting, and human cases of St. Louis encephalitis in southcentral Florida"

OR

"Amphibians in a human-dominated landscape: the community structure is related to habitat features and isolation"

OR

"The population dynamics of Northeast Arctic cod (Gadus morhua) through two decades: an analysis based on survey data"

OR

"Predicting rapid invasion of the florida everglades by old world climbing fern (Lygodium microphyllum)"

OR

"Predictive models of movement by Serengeti grazers"

OR

"Analysis of the handline fishery targeting mackerel (Scomber scombrus, L.) in the North of Spain (ICES Division VIIIbc)"

OR

"C-3 grasses have higher nutritional quality than C-4 grasses under ambient and elevated atmospheric CO2"

OR

"Variation in climate warming along the migration route uncouples arrival and breeding dates"

OR

"Stable and efficient multiple smoothing parameter estimation for generalized additive models"

OR

"Ecological models based on people's knowledge: a multi-step fuzzy cognitive mapping approach"

OR

"More intense, more frequent, and longer lasting heat waves in the 21st century"

OR

"Spatial structure and the control of invasive alien species"

OR

"The potential adventive geographic range of glassy-winged sharpshooter, Homalodisca coagulata and the grape pathogen Xylella fastidiosa: implications for California and other grape growing regions of the world"

OR

"Presence-absence versus presence-only modelling methods for predicting bird habitat suitability"

OR

"Artichoke leaf extract reduces symptoms of irritable bowel syndrome and improves quality of life in otherwise healthy volunteers suffering from concomitant dyspepsia: A subset analysis"

OR

"Fragmented landscapes, road mortality and patch connectivity: modelling influences on the dispersal of Eurasian lynx"

OR

"Molecular techniques, wildlife management and the importance of genetic population structure and dispersal: a case study with feral pigs"

OR

"Why do pollination generalist and specialist plant species show similar reproductive susceptibility to habitat fragmentation?"

OR

"Competition for shelter among over-wintering signal crayfish and juvenile Atlantic salmon"

OR

"Projecting rates of spread for invasive species"

OR

"Tree diseases and landscape processes: the challenge of landscape pathology"

OR

"Global patterns of plant leaf N and P in relation to temperature and latitude"

OR

"Ecosystem-based fishery management"

OR

"The nearshore phosphorus shunt: a consequence of ecosystem engineering by dreissenids in the Laurentian Great Lakes"

OR

"Unhealthy landscapes: Policy recommendations on land use change and infectious disease emergence"

OR

"Demographic mechanisms of the population decline of the song thrush Turdus philomelos in Britain"

OR

"Low-temperature photosynthetic performance of a C-4 grass and a co-occurring C-3 grass native to high latitudes"

OR

"The effects of meteorological factors on atmospheric bioaerosol concentrations - a review"

OR

"Convergence across biomes to a common rain-use efficiency"

OR

"Coupled oscillations in food webs: Balancing competition and mutualism in simple ecological models"

OR

"A continuous satellite-derived measure of global terrestrial primary production"

OR

"Bayesian inference in ecology"

OR

"Modelling integrated weed management of an invasive shrub in tropical Australia"

OR

"Fish density and size alter Pacific halibut feeding: implications for stock assessment"

OR

"Environmental determinants of recruitment and their influence on the population dynamics of stream-living brown trout Salmo trutta"

OR

"An approach for demonstrating the social legitimacy of hunting"

OR

"A sequential algorithm for testing climate regime shifts"

OR

"Resource dynamic plays a key role in regional fluctuations of the spruce bark beetles Ips typographus"

OR

"Can parks protect migratory ungulates? The case of the Serengeti wildebeest"

OR

"Impact of exotic fish removal on native communities in farm ponds"

OR

"Long-distance dispersal and human population density allow the prediction of invasive patterns in the horse chestnut leafminer Cameraria ohridella"

OR

"Responses of spring phenology to climate change"

OR

"The worldwide leaf economics spectrum"

OR

"Early life history studies of prey-predator interactions: quantifying the stochastic individual responses to environmental variability"

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"The last mile: How to sustain long-distance migration in mammals"

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"A risk-assessment system for screening out invasive pest plants from Hawaii and other Pacific Islands"

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"Effect of roadside bias on the accuracy of predictive maps produced by bioclimatic models"

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"Remotely sensed interannual variations and trends in terestrial net primary productivity 1981-2000"

OR

"Seasonal changes in the cold tolerance of eggs of the migratory locust, Locusta migratoria L. (Orthoptera : Acrididae)"

OR

"Literature review of Florida red tide: implications for human health effects"

OR

"Hong Kong's worst \"red tide\" - causative factors reflected in a phytoplankton study at Port Shelter station in 1998"

OR

"Evaluation of estimated weather data for calculating Penman-Monteith reference crop evapotranspiration"

OR

"An Allee effect at the front of a plant invasion: Spartina in a Pacific estuary"

OR

"AFLP and phylogenetic analyses of North American and European populations of Phytophthora ramorum"

OR

"Consequences of behavioral dynamics for the population dynamics of predator-prey systems with switching"

OR

"Survey of multi-objective optimization methods for engineering"

OR

"The architecture of complex weighted networks"

OR

"Efficient Kalman filter techniques for the assimilation of tide gauge data in three-dimensional modeling of the North Sea and Baltic Sea system"

OR

"Quantification of restoration success using complex systems concepts and models"

OR

"Weak compensation of harvest despite strong density-dependent growth in willow ptarmigan"

OR

"Fuzzy rule-based models for decision support in ecosystem management"

OR

"A wind-based qualitative calibration of the Hargreaves ET0 estimation equation in semiarid regions"

OR

"Introduced mammals in Australian rangelands: Future threats and the role of monitoring programmes in management strategies"

OR

"Integrating effects of hunting policy, catastrophic events, and inbreeding depression, in PVA simulation: the Scandinavian wolf population as an example"

OR

"Temperature and hunger mediate sablefish (Anoplopoma fimbria) feeding motivation: implications for stock assessment"

OR

"Natural-enemy release facilitates habitat expansion of the invasive tropical shrub Clidemia hirta"

OR

"Comparative dispersal of Homalodisca coagulata and Homalodisca liturata (Homoptera : Cicadellidae)"

OR

"Disease transmission between and within species, and the implications for disease control"

OR

"Migratory orientation of first-year white storks (Ciconia ciconia): inherited information and social interactions"

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"Model selection in ecology and evolution"

OR

"APE: Analyses of Phylogenetics and Evolution in R language"

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"Harmful algal bloom causative collected from Hong Kong waters"

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"A priori prediction of disease invasion dynamics in a novel environment"

OR

"Time series prediction with ensemble models"

OR

"Spatial synchrony in population dynamics"

OR

"Expansion of brown bears (Ursus arctos) into the eastern Alps: a spatially explicit population model"

OR

"First projections of American lobster fishery recruitment using a settlement index and variable growth"

OR

"Simulated hydrologic responses to climate variations and change in the Merced, Carson, and American River basins, Sierra Nevada, California, 1900-2099"

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"State-space models for the dynamics of wild animal populations"

OR

"A comprehensive framework for global patterns in biodiversity"

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"The problem of overfitting"

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"Quality of the bottom sediment prior to dredging in the Golden Horn of Istanbul"

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"Airborne plane-tree (Platanus hispanica) pollen distribution in the city of Cordoba, South-western Spain, and possible implications on pollen allergy"

OR

"Effects of infrastructure on migration and range use of wild reindeer"

OR

"Quantifying functional connectivity: experimental evidence for patch-specific resistance in the Natterjack toad (Bufo calamita)"

OR

"Interaction between endophytic bacteria from citrus plants and the phytopathogenic bacteria Xylella fastidiosa, causal agent of citrus-variegated chlorosis"

OR

"Thermal tolerance and potential distribution of invasive lionfish (Pterois volitans/miles complex) on the east coast of the United States"

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"Inter-annual variability in cyanobacteria blooms in the Baltic Sea controlled by wintertime hydrographic conditions"

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"Long-term trends in mesozooplankton abundance in Chesapeake Bay, USA: influence of freshwater input"

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"Fuzzy awakening in rainfall-runoff modeling"

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"Regime shifts in the Humboldt Current ecosystem"

OR

"Long-term ecosystem response to the Exxon Valdez oil spill"

OR

"Simulation of aquatic food web and species interactions by adaptive agents embodied with evolutionary computation: a conceptual framework"

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"Plankton effect on cod recruitment in the North Sea"

OR

"Inverse modeling of seasonal drought effects on canopy CO2/H2O exchange in three Mediterranean ecosystems"

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"Recent shifts in the state of the North Pacific"

OR

"The use of Bayesian model averaging to better represent uncertainty in ecological models"

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"Energy, water, and broad-scale geographic patterns of species richness"

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"Revealing stock-recruitment relationships in lobsters and crabs: is experimental ecology the key?"

OR

"Dietary fatty acids and amino acids of Camelina sativa seed"

OR

"Delay embeddings for forced systems. II. Stochastic forcing"

OR

"Modeling and monitoring tools to assess recovery status and convergence rates between restored and undisturbed coral reef habitats"

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"Coping with uncertainty in ecological advice: lessons from fisheries"

OR

"Hunting and sociodemographic trends: older hunters from Pennsylvania and Colorado"

OR

"Implementation of Noah land surface model advances in the National Centers for Environmental Prediction operational mesoscale Eta model"

OR

"Preparing for climatic change: The water, salmon, and forests of the Pacific Northwest"

OR

"Modeling macropore flow effects on pesticide leaching: Inverse parameter estimation using microlysimeters"

OR

"Forecasting of reference evapotranspiration by artificial neural networks"

OR

"Methods for estimating long-distance dispersal"

OR

"Climatological analysis of tornado report counts using a hierarchical Bayesian spatiotemporal model"

OR

"Validating daily climate interpolations over complex terrain in Austria"

OR

"Occurrence of planktonic blooms under environmental fluctuations and its possible control mechanism - mathematical models and experimental observations"

OR

"The many growth rates and elasticities of populations in random environments"

OR

"Variability in grassland bird counts related to observer differences and species detection rates"

OR

"Fuzzy modeling of cyanobacterial surface waterblooms: Validation with NOAA-AVHRR satellite images"

OR

"Elman's recurrent neural network applications to condition monitoring in nuclear power plant and rotating machinery"

OR

"Hydrometeorological controls on water level in a vegetated Chesapeake Bay tidal freshwater delta"

OR

"Abundance and projected control of invasive house crows in Singapore"

OR

"A review of dissolved oxygen modelling techniques for lowland rivers"

OR

"Vulnerability to coastal cholera ecology"

OR

"Seasonality, density dependence, and population cycles in Hokkaido voles"

OR

"The effect of turbulence on the cost of swimming for juvenile Atlantic salmon (Salmo salar)"

OR

"Environmental 'loopholes' and fish population dynamics: comparative pattern recognition with focus on El Nino effects in the Pacific"

OR

"Effects of defoliation by horse chestnut leafminer (Cameraria ohridella) on reproduction in Aesculus hippocastanum"

OR

"The application of 'least-cost' modelling as a functional landscape model"

OR

"The nested assembly of plant-animal mutualistic networks"

OR

"Developing probabilistic models to predict amphibian site occupancy in a patchy landscape"

OR

"Demography and dispersal: Life table response experiments for invasion speed"

OR

"Effects of land cover on stream ecosystems: Roles of empirical models and scaling issues"

OR

"Sequential data assimilation techniques in oceanography"

OR

"Tracking the signal in year-class strength of Northeast Arctic cod through multiple survey estimates of egg, larval and juvenile abundance"

OR

"Individual-based modelling of Pinus sylvestris invasion after grazing abandonment in the French Massif Central"

OR

"Effects of drought on fish across axes of space, time and ecological complexity"

OR

"Visual, semi-quantitative assessments allow accurate estimates of leafminer population densities: an example comparing image processing and visual evaluation of damage by the horse chestnut leafminer Cameraria ohridella (Lep., Gracillariidae)"

OR

"A review of Spartina management in Washington State, US"

OR

"Harmful algal blooms: causes, impacts and detection"

OR

"Predicting herring recruitment from young-of-the-year densities, spawning stock biomass, and climate"

OR

"Effects of defoliation caused by the leaf miner Cameraria ohridella on wood production and efficiency in Aesculus hippocastanum growing in north-eastern Italy"

OR

"Northern hemispheric NDVI variations associated with large-scale climate indices in spring"

OR

"Temporal responses of NDVI to precipitation and temperature in the central Great Plains, USA"

OR

"Climate-driven increases in global terrestrial net primary production from 1982 to 1999"

OR

"Stability of forest biodiversity"

OR

"The ecology of extinction: population fluctuation and decline in amphibians"

OR

"Conservation and control strategies for the wolf (Canis lupus) in western Europe based on demographic models"

OR

"Estimation of population growth and extinction parameters from noisy data"

OR

"A systematic analysis of factors affecting the performance of climatic envelope models"

OR

"Best practices in prediction for decision-making: Lessons from the atmospheric and earth sciences"

OR

"Using PVA for management despite uncertainty: Effects of habitat, hatcheries, and harvest on salmon"

OR

"Uncertainty and variability in demography and population growth: A hierarchical approach"

OR

"Hierarchical Bayesian models for predicting the spread of ecological processes"

OR

"The effect of stochastic technique on estimates of population viability from transition matrix models"

OR

"Changes in vegetation structure after long-term grazing in pinyon-juniper ecosystems: Integrating imaging spectroscopy and field studies"

OR

"Monitoring Karenia brevis blooms in the Gulf of Mexico using satellite ocean color imagery and other data"

OR

"Autologistic regression model for the distribution of vegetation"

OR

"Applications and research using remote sensing for rangeland management"

OR

"From space to species: ecological applications for remote sensing"

OR

"Long-term memory for a life on the move"

OR

"Assimilating optical and radar data into the STICS crop model for wheat"

OR

"The frequency and severity of catastrophic die-offs in vertebrates"

OR

"Predictability of Vibrio cholerae in Chesapeake Bay"

OR

"Landscape restoration: Moving from generalities to methodologies"

OR

"Modeling long-distance dispersal of plant diaspores by wind"

OR

"Sudden oak death: endangering California and Oregon forest ecosystems"

OR

"Why is it so difficult to beat the random walk forecast of exchange rates?"

OR

"Partitioning interannual variability in net ecosystem exchange between climatic variability and functional change"

OR

"Intracellular survival of Brucella: defining the link with persistence"

OR

"The roles of carrying capacity, immigration, and population synchrony on persistence of stream-resident cutthroat trout"

OR

"Exotics as host plants of the California butterfly fauna"

OR

"Yellowstone after wolves"

OR

"Anthropogenic climate change for 1860 to 2100 simulated with the HadCM3 model under updated emissions scenarios"

OR

"A fire-explicit population viability analysis of Hypericum cumulicola in Florida rosemary scrub"

OR

"Impacts of landscape change on wolf restoration success: Planning a reintroduction program based on static and dynamic spatial models"

OR

"Bayesian inference and decision theory - A framework for decision making in natural resource management"

OR

"Are plant populations in fragmented habitats recruitment limited? Tests with an Amazonian herb"

OR

"Spatial patterns and infestation processes in the horse chestnut leafminer Cameraria ohridella: a tale of two cities"

OR

"Stochastic models of foot and mouth disease in feral pigs in the Australian semi-arid rangelands"

OR

"Modelling space use and dispersal of mammals in real landscapes: a tool for conservation"

OR

"Assimilation of ocean colour data into a biochemical model of the North Atlantic - Part 1. Data assimilation experiments"

OR

"Long-term dynamics of phytoplankton assemblages: Microcystis-domination in Lake Taihu, a large shallow lake in China"

OR

"Changes in the photo-chemistry of Microcystis aeruginosa in response to light and mixing"

OR

"Observations of the semidiurnal internal tide on the southern California slope and shelf"

OR

"Sustainability of terrestrial carbon sequestration: A case study in Duke Forest with inversion approach"

OR

"Ability for a model to predict crop production variability at the regional scale: an evaluation for sugar beet"

OR

"Effects of feral mink removal on seabirds, waders and passerines on small islands in the Baltic Sea"

OR

"Global amphibian declines: sorting the hypotheses"

OR

"The genetic impact of demographic decline and reintroduction in the wild boar (Sus scrofa): A microsatellite analysis"

OR

"Effects of turbidity on the ability of juvenile rainbow trout, Oncorhynchus mykiss, to feed on limnetic and benthic prey in laboratory tanks"

OR

"Self-organization and complexity in historical landscape patterns"

OR

"Out of the quagmire of plant defense hypotheses"

OR

"Wild boar (Sus scrofa) as a possible vector of mycobacterial infections: review of literature and critical analysis of data from Central Europe between 1983 to 2001"

OR

"Review and comparison of methods to study the contribution of variables in artificial neural network models"

OR

"Avian navigation: from historical to modern concepts"

OR

"How much information on population biology is needed to manage introduced species?"

OR

"White-tailed deer impact on the vegetation dynamics of a northern hardwood forest"

OR

"Swimming behaviour of winter flounder (Pleuronectes americanus) on natural fishing grounds as observed by an underwater video camera"

OR

"Stream macroinvertebrate response to catchment urbanisation (Georgia, USA)"

OR

"Evaluation of ecosystem dynamics, plant geography and terrestrial carbon cycling in the LPJ dynamic global vegetation model"

OR

"Neural network modelling of coastal algal blooms"

OR

"From anchovies to sardines and back: Multidecadal change in the Pacific Ocean"

OR

"West Nile virus: is there a message for Australia?"

OR

"Empirical modelling of interannual trends in abundance of squid (Loligo forbesi) in Scottish waters"

OR

"A globally coherent fingerprint of climate change impacts across natural systems"

OR

"Quantitative genetic analysis of migratory behaviour"

OR

"Complexity and constraints combined in simple models of recruitment"

OR

"Demographic characteristics of the Adelie penguin population on Bechervaise Island after 12 years of study"

OR

"Seasonal dynamics of the surface circulation in the Southern California Current System"

OR

"Deer populations up, hunter populations down: Implications of interdependence of deer and hunter population dynamics on management"

OR

"On approaches and applications of the Wageningen crop models"

OR

"A comparative analysis of evenness index sensitivity"

OR

"Oxidative stability of omega 3-rich camelina oil and camelina oil-based spread compared with plant and fish oils and sunflower spread"

OR

"Thin plate regression splines"

OR

"Linking ETM physics, zooplankton prey, and fish early-life histories to striped bass Morone saxatilis and white perch M-americana recruitment"

OR

"Signals from seabirds indicate changing biology of capelin stocks"

OR

"Time series forecasting using a hybrid ARIMA and neural network model"

OR

"The effects of sedimentation on rocky coast assemblages"

OR

"Assimilation of remote sensing data into a canopy functioning model - the ADAM project"

OR

"Site specific calibration of a crop model by assimilation of remote sensing data: a tool for diagnosis and recommendation in precision agriculture"

OR

"Diagnosis of brucellosis by serology"

OR

"The pathology of brucellosis reflects the outcome of the battle between the host genome and the Brucella genome"

OR

"Rainfall variability, carbon cycling, and plant species diversity in a mesic grassland"

OR

"An ounce of prevention or a pound of cure: bioeconomic risk analysis of invasive species"

OR

"Parasitism of the horse chestnut leaf miner, Cameraria ohridella Deschka and Dimic (Lep., Gracillariidae), in Serbia and Macedonia"

OR

"Comparison of three life-history traits of invasive Elodea canadensis Michx. and Elodea nuttallii (Planch.) H. St. John"

OR

"Estimating dispersal from patterns of spread: Spatial and local control of lake invasions"

OR

"Examples of strategies to analyze spatial and temporal yield variability using crop models"

OR

"Estimating total lynx Lynx lynx population size from censuses of family groups"

OR

"Generalized linear and generalized additive models in studies of species distributions: setting the scene"

OR

"Evaluating resource selection functions"

OR

"Linking climate change and biological invasions: Ocean warming facilitates nonindigenous species invasions"

OR

"Predictive ecology to the rescue?"

OR

"Ecological predictions and risk assessment for alien fishes in North America"

OR

"Seasonality of Chesapeake Bay bacterioplankton species"

OR

"Differential rates of invasion in three related alien oak gall wasps (Cynipidae : Hymenoptera)"

OR

"Numerical modelling of the planktonic succession in a nutrient-rich reservoir: environmental and physiological factors leading to Microcystis aeruginosa dominance"

OR

"Spatial synchrony in forest insect outbreaks: Roles of regional stochasticity and dispersal"

OR

"Spread of an invasive pathogen over a variable landscape: A nonnative root rot on Port Orford cedar"

OR

"Complex life cycles and density dependence: assessing the contribution of egg mortality to amphibian declines"

OR

"Overview of the radiometric and biophysical performance of the MODIS vegetation indices"

OR

"Bidirectional reflectance of oceanic waters: accounting for Raman emission and varying particle scattering phase function"

OR

"Effects of global climate on infectious disease: the cholera model"

OR

"Illustrations and guidelines for selecting statistical methods for quantifying spatial pattern in ecological data"

OR

"A paradigm for population analysis of long-lived vertebrates"

OR

"Preliminary streamflow data analyses prior to water resources planning study"

OR

"Capelin - What are they good for? Introduction"

OR

"Capelin (Mallotus villosus) in the Iceland-East Greenland-Jan Mayen ecosystem"

OR

"Capelin (Mallotus villosus) spawning behaviour in Newfoundland waters - the interaction between beach and demersal spawning"

OR

"Atmospheric forcing, larval drift, and recruitment of capelin (Mallotus villosus)"

OR

"Are weed population dynamics chaotic?"

OR

"Diagnostic model and analysis of the surface currents in the tropical Pacific Ocean"

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"Camelina oil and its unusual cholesterol content"

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"Landscape dynamics of the spread of sudden oak death"

OR

"Corridors affect plants, animals, and their interactions in fragmented landscapes"

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"Deriving inherent optical properties from water color: a multiband quasi-analytical algorithm for optically deep waters"

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"Using SPOT data for calibrating a wheat growth model under mediterranean conditions"

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"Integrating mark-recapture-recovery and census data to estimate animal abundance and demographic parameters"

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"Rates of increase in age-structured populations: a lesson from the European harbour seals"

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"Validating population viability analysis for corrupted data sets"

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"Integrating fuzzy logic, optimization, and GIS for ecological impact assessments"

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"Ocean interpolation by four-dimensional weighted least squares - application to the waters around Australasia"

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"Striving for sustainable wildlife management: the case of Kilombero Game Controlled Area, Tanzania"

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"The drought monitor"

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"Ecological futures: Building an ecology of the long now"

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"Species co-occurrence: A meta-analysis of J. M. Diamond's assembly rules model"

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"Estimating site occupancy rates when detection probabilities are less than one"

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"Harmful algal blooms and eutrophication: Nutrient sources, composition, and consequences"

OR

"The economic effects of harmful algal blooms in the United States: Estimates, assessment issues, and information needs"

OR

"Seasonal and interannual variation in evapotranspiration, energy balance and surface conductance in a northern temperate grassland"

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"Loliginid and ommastrephid stock prediction in Greek waters using time series analysis techniques"

OR

"Present and potential distribution of invasive garlic mustard (Alliaria petiolata) in North America"

OR

"Network structure and biodiversity loss in food webs: robustness increases with connectance"

OR

"Complexity in conservation: lessons from the global decline of amphibian populations"

OR

"Insect-plant interactions on a planet of weeds"

OR

"A state space framework for automatic forecasting using exponential smoothing methods"

OR

"Altered rainfall patterns, gas exchange, and growth in grasses and forbs"

OR

"Slow the Spread: A national program to contain the gypsy moth"

OR

"Estimating evapotranspiration using artificial neural network"

OR

"Dynamics of interacting elk populations within and adjacent to Rocky Mountain National Park"

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"Modelling suggests that optimization of dark nitrogen-assimilation need not be a critical selective feature in phytoplankton"

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"Estimation of parameters and unobserved components for nonlinear systems from noisy time series"

OR

"Ecological specialization and susceptibility to disturbance: Conjectures and refutations"

OR

"Evaluating the extinction risk of a perennial herb: Demographic data versus historical records"

OR

"What is missing in amphibian decline research: Insights from ecological sensitivity analysis"

OR

"Population viability analysis in endangered species recovery plans: Past use and future improvements"

OR

"Contagious disturbance, ecological memory, and the emergence of landscape pattern"

OR

"Consequences of climate change for European agricultural productivity, land use and policy"

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"Ecological effects of regime shifts in the Bering Sea and eastern North Pacific Ocean"

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"Cross comparison of empirical equations for calculating potential evapotranspiration with data from Switzerland"

OR

"Rapid changes in flowering time in British plants"

OR

"Dynamics of measles epidemics: Estimating scaling of transmission rates using a Time series SIR model"

OR

"Masting by eighteen New Zealand plant species: The role of temperature as a synchronizing cue"

OR

"A model for predicting the temporal evolution of dissolved oxygen concentration in shallow estuaries"

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"Flowering - Arabidopsis, the rosetta stone of flowering time?"

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"Extraction of a weak climatic signal by an ecosystem"

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"Platanus acerifolia pollinosis and food allergy"

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"What does ecosystem-based fisheries management mean?"

OR

"Changes over time in the spatial distribution of walleye pollock (Theragra chalcogramma) in the Gulf of Alaska, 1984-1996"

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"Rainfall, phycocyanin, and N : P ratios related to cyanobacterial blooms in a Korean large reservoir"

OR

"A fast and elitist multiobjective genetic algorithm: NSGA-II"

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"Restoration of species-rich grassland on arable land: assessing the limiting processes using a multi-site experiment"

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"Forest carbon balance under elevated CO2"

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"Exotic plant invasions and the enemy release hypothesis"

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"Predicting the spatial dynamics of rabies epidemics on heterogeneous landscapes"

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"Sensitivity analysis of a crop simulation model, STICS, in order to choose the main parameters to be estimated"

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"Using a Bayesian approach to parameter estimation; comparison of the GLUE and MCMC methods"

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"Fishery-management and stock-rebuilding prospects under conditions of low-frequency environmental variability and species interactions"

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"Phytophthora ramorum as the cause of extensive mortality of Quercus spp. and Lithocarpus densiflorus in California"

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"Conditions and limitations on learning in the adaptive management of mallard harvests"

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"The interaction between dispersal, the Allee effect and scramble competition affects population dynamics"

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"Sex differences in emigration and mortality affect optimal management of deer populations"

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"Variation among individuals and reduced demographic stochasticity"

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"Precision of population viability analysis"

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"Study on the algal dynamic model for West Lake, Hangzhou"

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"Spatial and temporal dynamics of phytoplankton communities along a regulated river system, the Nakdong River, Korea"

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"Deuterium enriched irrigation indicates different forms of rain use in shrub/grass species of the Colorado Plateau"

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"Seasonal herbivory and mortality compensation in a swan-pondweed system"

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"Fish individual-based numerical simulator (FINS): a particle-based model of juvenile salmonid movement and dissolved gas exposure history in the Columbia River basin"

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"Biological invasion of the Indo-Pacific lionfish Pterois volitans along the Atlantic coast of North America"

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"Retention of white perch and striped bass larvae: Biological-physical interactions in Chesapeake Bay estuarine turbidity maximum"

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"Estimating live standard length of net-caught walleye pollock (Theragra chalcogramma) larvae using measurements in addition to standard length"

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"Relationships between land use, spatial scale and stream macroinvertebrate communities"

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"Recruitment of cod and haddock in the North Atlantic: a comparative analysis"

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"Impact of the conservation reserve program on duck recruitment in the US Prairie Pothole Region"

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"Road and railway verges serve as dispersal corridors for grassland plants"

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"Equifinality, data assimilation, and uncertainty estimation in mechanistic modelling of complex environmental systems using the GLUE methodology"

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"Catastrophic events and recovery from low densities in populations of otariids: implications for risk of extinction"

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"Use of artificial neural network in the prediction of algal blooms"

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"Dynamics of marine sessile organisms with space-limited growth and recruitment: Application to corals"

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"Seasonal temperature alone can synchronize life cycles"

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"Null model analysis of species co-occurrence patterns"

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"Simulating the spread and management of alien riparian weeds: are they out of control?"

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"Movement patterns of stream-resident cutthroat trout in Beaver Creek, Idaho-Utah"

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"Emigration and survival of 2-year-old male elk in northwestern Colorado"

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"Mathematical models of wildlife management by contraception"

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"Global patterns of root turnover for terrestrial ecosystems"

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"Leaf area index estimates using remotely sensed data and BRDF models in a semiarid region"

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"Invasion dynamics of Cytisus scoparius: A matrix model approach"

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"Small pelagics in upwelling systems: patterns of interaction and structural changes in \"wasp-waist\" ecosystems"

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"Design of operational management strategies for achieving fishery ecosystem objectives"

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"Simulation of water-bloom formation in the cyanobacterium Microcystis aeruginosa"

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"Dynamics of prey moving through a predator field: a model of migrating juvenile salmon"

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"Species density of foliage-dwelling spiders in field margins: a simple, fuzzy rule-based model"

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"Regional differences in rates and patterns of North American inland lake invasions by zebra mussels (Dreissena polymorpha)"

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"The effects of temperature, body size, and hydration state on the terrestrial locomotion of the crayfish Orconectes rusticus"

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"Expansion rates and recruitment frequency of exotic smooth cordgrass, Spartina alterniflora (Loisel), colonizing unvegetated littoral flats in Willapa Bay, Washington"

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"Model of slowing the spread of gypsy moth (Lepidoptera : Lymantriidae) with a barrier zone"

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"Effect of temperature on the development of Culiseta melanura (Diptera : Culicidae) and its impact on the amplification of eastern equine encephalomyelitis virus in birds"

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"Demographic stochasticity and Allee effect on a scale with isotropic noise"

OR

"Fluctuating silicate : nitrate ratios and coastal plankton food webs"

OR

"Ocean color chlorophyll algorithms for SeaWiFS"

OR

"Potential effects of global warming on waterfowl populations breeding in the Northern Great Plains"

OR

"Estimation of temporal variability of survival in animal populations"

OR

"A statistical study of NDVI sensitivity to seasonal and interannual rainfall variations in Southern Africa"

OR

"Responses of epilimnetic phytoplankton to experimental nutrient enrichment in three small seepage lakes"

OR

"Variations in sedimentary environments and accretionary patterns in estuarine marshes undergoing rapid submergence, Chesapeake Bay"

OR

"Theoretical analysis of \"switching\" in a localized model for mountain pine beetle mass attack"

OR

"The application of neural techniques to the modelling of time-series of atmospheric pollution data"

OR

"Structural adaptation of B-spline networks using genetic algorithms"

OR

"Actual evapotranspiration and deficit: biologically meaningful correlates of vegetation distribution across spatial scales"

OR

"An accurate parameterization of the infrared radiative properties of cirrus clouds for climate models"

OR

"Responses of spectral indices to variations in vegetation cover and soil background"

OR

"Standing on the shoulders of giants: learning from experience in fisheries"

OR

"When do environment-recruitment correlations work?"

OR

"Management of populations in conservation, harvesting and control"

OR

"Influence of temperature, photoperiod, and irradiance on the phenological development of common ragweed (Ambrosia artemisiifolia)"

OR

"Photothermal time describes common ragweed (Ambrosia artemisiifolia L.) phenological development and growth"

OR

"Natural regulation of ecosystems in protected areas as ecological baselines"

OR

"Analyses of global sea surface temperature 1856-1991"

OR

"Allee effects in metapopulation dynamics"

OR

"Contrasting patterns of biomass allocation in dominant and suppressed loblolly pine"

OR

"A transportation model assessment of the risk to native mussel communities from zebra mussel spread"

OR

"Nonpoint pollution of surface waters with phosphorus and nitrogen"

OR

"Forecasting pcb concentrations in Lake Michigan salmonids: A dynamic linear model approach"

OR

"Estimating biocontrol agent impact with matrix models: Carduus nutans in New Zealand"

OR

"Bioeconomics of managing the spread of exotic pest species with barrier zones"

OR

"Diet breadth and host plant diversity of tropical- vs. temperate-zone herbivores: South-east Asian and west Palaearctic butterflies as a case study"

OR

"Dynamics and sustainable utilization of rangeland ecosystems in arid and semi-arid climates of southern Africa"

OR

"Entrainment by river chub Nocomis micropogon and smallmouth bass Micropterus dolomieu on cylinders"

OR

"The use of TOVS cloud-cleared radiances in the NCEP SSI analysis system"

OR

"Inordinate fondness explained: Why are there so many beetles?"

OR

"Climate-ocean variability and ecosystem response in the northeast Pacific"

OR

"Statistical analysis of population dynamics in space and time using estimating functions"

OR

"Interannual variability of NDVI and its relationship to climate for North American shrublands and grasslands"

OR

"Spatial memory and food searching mechanisms of cattle"

OR

"Grazing intensities, vegetation, and heifer gains: 55 years on shortgrass"

OR

"On the use of demographic models of population viability in endangered species management"

OR

"Nonlinear component analysis as a kernel eigenvalue problem"

OR

"Fuzzy algorithm for estimation of solar irradiation from sunshine duration"

OR

"Allee effects limit population viability of an annual plant"

OR

"An algorithm for the construction of spatial coverage designs with implementation in SPLUS"

OR

"Plankton abundance and dynamics across nutrient levels: Tests of hypotheses"

OR

"Hierarchical Bayesian space-time models"

OR

"Eradication of nonnative fish by gill netting from a small mountain lake in California"

OR

"Model analysis of spatial patterns in mountain pine beetle outbreaks"

OR

"NDVI relationship to monthly evaporation"

OR

"Estimating population change from count data: Application to the North American Breeding Bird Survey"

OR

"The invasion ecology of the toad Bufo marinus: From South America to Australia"

OR

"Grazing intensity and ecosystem processes in a northern mixed-grass prairie, USA"

OR

"Population, community, and ecosystem variates as ecological indicators: Phytoplankton responses to whole-lake enrichment"

OR

"The relative effects of drought stress and virus yellows on the yield of sugarbeet in the UK, 1980-95"

OR

"Photoinhibition and the availability of inorganic carbon restrict photosynthesis by surface blooms of cyanobacteria"

OR

"Cellular automata models for vegetation dynamics"

OR

"Combining agricultural crop models and satellite observations: from field to regional scales"

OR

"How does temporal variability affect predictions of weed population numbers?"

OR

"Toward improved calibration of hydrologic models: Multiple and noncommensurable measures of information"

OR

"Optimal foraging, specialization, and a solution to Liem's paradox"

OR

"Model choice: A minimum posterior predictive loss approach"

OR

"Development of migratory behavior in northern white-tailed deer"

OR

"Contrasting climatic controls on the estimated productivity of global terrestrial biomes"

OR

"Effects of interdecadal climate variability on the oceanic ecosystems of the NE Pacific"

OR

"Biomass estimation on grazed and ungrazed rangelands using spectral indices"

OR

"Population dynamics of large herbivores: variable recruitment with constant adult survival"

OR

"Accelerating invasion rate in a highly invaded estuary"

OR

"Production function for wheat: a case study of Southeastern Anatolian Project (SAP) region"

OR

"Alien plant invasions on the Tiwi Islands. Extent, implications and priorities for control"

OR

"Compensatory behavior of Ensatina eschscholtzii in biological corridors: a field experiment"

OR

"Use of artificial neural networks for modelling cyanobacteria Anabaena spp. in the River Murray, South Australia"

OR

"Modelling spatial patterns of overbank sedimentation on embanked floodplains"

OR

"Moose dispersal and its role in the maintenance of harvested populations"

OR

"Predicting food consumption of fish populations as functions of mortality, food type, morphometrics, temperature and salinity"

OR

"Coral transplantation: A useful management tool or misguided meddling?"

OR

"On the utility of ENSO and PNA indices for long-lead forecasting of summer weather over the crop-growing region of the Canadian prairies"

OR

"Growing degree-days: one equation, two interpretations"

OR

"Sorghum and sunflower evapotranspiration and yield from simulated leaf area index"

OR

"Analysing data hom post-impact studies using asymmetrical analyses of variance: A case study of epibiota on marinas"

OR

"The effect of host plant-induced stomach precipitate on the ability of Myzus persicae (Hemiptera: Aphididae) to transmit sugarbeet yellowing viruses"

OR

"The definition of El Nino"

OR

"Experiments and observations on food consumption, growth and starvation in Dendrochirus brachypterus and Pterois volitans (Pteroinae, Scorpaenidae)"

OR

"El Nino and climate change"

OR

"Platanus pollen as an important cause of pollinosis"

OR

"Sediment accretion rates from four coastal wetlands along the Gulf of Mexico"

OR

"Patterns and trends in larval-stage growth and mortality of teleost fish"

OR

"Texas females who hunt"

OR

"Long short-term memory"

OR

"Desertification evaluated using an integrated environmental assessment model"

OR

"Correlation of counts of gypsy moths (Lepidoptera: Lymantriidae) in pheromone traps with landscape characteristics"

OR

"Structure optimization of neural networks with the A\*-algorithm"

OR

"Vegetation, cattle, and economic responses to grazing strategies and pressures"

OR

"The critical thermal maximum: history and critique"

OR

"The use of artificial neural networks to predict the presence of small-bodied fish in a river"

OR

"Nonlinear modelling and prediction with feedforward and recurrent networks"

OR

"Assessing the effects of environmental stressors on fish populations"

OR

"Factors affecting the timing of surface scums and epilimnetic blooms of blue-green algae in a eutrophic lake"

OR

"Depensation in fish stocks: a hierarchic Bayesian meta-analysis"

OR

"The effect of intertidal sediment fences on wetland surface elevation, wave energy and vegetation establishment in two Louisiana coastal marshes"

OR

"Modelling algal growth and transport in rivers: a comparison of time series analysis, dynamic mass balance and neural network techniques"

OR

"ANNA - Artificial Neural Network model for predicting species abundance and succession of blue-green algae"

OR

"Statistical analysis of algal and water quality data"

OR

"Turning back the harmful red tide - Commentary"

OR

"Effects of social structure and prey dynamics on extinction risk in gray wolves"

OR

"The effect of spring temperature on the appearance dates of British butterflies 1883-1993"

OR

"Human alteration of the global nitrogen cycle: Sources and consequences"

OR

"Predicting gross primary productivity in terrestrial ecosystems"

OR

"El Nino, La Nina, and the nonlinearity of their teleconnections"

OR

"Human domination of Earth's ecosystems"

OR

"Theoretical properties of the ASMOD algorithm for empirical modelling"

OR

"Validation of a Markov chain canopy reflectance model"

OR

"A global budget for fine root biomass, surface area, and nutrient contents"

OR

"Threshold harvesting for sustainability of fluctuating resources"

OR

"Optimal monitoring network and ground-water-pollution source identification"

OR

"Chronology of wild turkey nesting, gobbling, and hunting in Mississippi"

OR

"Harmful algal blooms and red tide problems on the US west coast"

OR

"Physiology, ecology, and toxic properties of marine cyanobacteria blooms"

OR

"What is a bloom? A commentary"

OR

"Toward a theory of biological-physical control of harmful algal bloom dynamics and impacts"

OR

"The selective advantage of buoyancy provided by gas vesicles for planktonic cyanobacteria in the Baltic Sea"

OR

"Consumption, selectivity, and use of zooplankton by larval striped bass and white perch in a seasonally pulsed estuary"

OR

"Effects of sea-ice extent and krill or salp dominance on the Antarctic food web"

OR

"Modelling asymmetrical growth curves that rise and then fall: Applications to foliage dynamics of sugar beet (Beta vulgaris L)"

OR

"Model selection: An integral part of inference"

OR

"A Pacific interdecadal climate oscillation with impacts on salmon production"

OR

"Long-term climate forcing of European herring and sardine populations"

OR

"Prevalence of allergic rhinitis in the United States"

OR

"Analysis of Levene's test under design imbalance"

OR

"Empirical models predicting population abundance and productivity in lotic systems"

OR

"Evaluation of an improved version of SAIL model for simulating bidirectional reflectance of sugar beet canopies"

OR

"Emigration of deer from a partial enclosure"

OR

"Prediction of functional characteristics of ecosystems: A comparison of artificial neural networks and regression models"

OR

"Stochastic dynamics and deterministic skeletons: Population behavior of Dungeness crab"

OR

"Population dynamics of botanical epidemics involving primary and secondary infection"

OR

"The value of the world's ecosystem services and natural capital"

OR

"Habitat selection and survival of mule deer: Tradeoffs associated with migration"

OR

"Increased plant growth in the northern high latitudes from 1981 to 1991"

OR

"Dietary changes cause temporal fluctuations in polychlorinated biphenyl levels in herring gull eggs from Lake Ontario"

OR

"Environmental stochasticity and population dynamics of large herbivores: A search for mechanisms"

OR

"Generating surfaces of daily meteorological variables over large regions of complex terrain"

OR

"Effects of historic tidal restrictions on salt marsh sediment chemistry"

OR

"Major grass pollen allergen Lol p 1 binds to diesel exhaust particles: Implications for asthma and air pollution"

OR

"Artificial neural network approach for modelling and prediction of algal blooms"

OR

"A review of methods for the assessment of prediction errors in conservation presence/absence models"

OR

"Relationship of larval-stage growth and mortality to recruitment of striped bass, Morone saxatilis, in Chesapeake Bay"

OR

"A thermal heat summation model to predict the duration of the gonotrophic cycle of Culiseta melanura in nature"

OR

"Photosynthetic light requirements, metabolic carbon balance and zonation of sublittoral macroalgae from King George Island (Antarctica)"

OR

"Modelling cyanobacteria (blue-green algae) in the River Murray using artificial neural networks"

OR

"Fisheries stock assessment and decision analysis: The Bayesian approach"

OR

"A process-based, terrestrial biosphere model of ecosystem dynamics (Hybrid v3.0)"

OR

"Demographic change and microhabitat variability in a grassland endemic, Silene douglasii var oraria (Caryophyllaceae)"

OR

"Seasonal growth and photosynthetic performance of the Antarctic macroalga Desmarestia menziesii (Phaeophyceae) cultivated under fluctuating Antarctic daylengths"

OR

"NDVI, C-3 and C-4 production, and distributions in great plains grassland land cover classes"

OR

"Estimating harbour seal abundance and status in an estuarine habitat in north-east Scotland"

OR

"Description of embryogenesis and estimation of offspring state in Saiga tatarica"

OR

"Mathematical and computational challenges in population biology and ecosystems science"

OR

"Modelling and forecasting monthly fisheries catches: Comparison of regression, univariate and multivariate time series methods"

OR

"Rainbow trout responses to water temperature and dissolved oxygen stress in two southern California stream pools"

OR

"Uncertainty and the management of mallard harvests"

OR

"Scale-related seabird-environmental relationships in Pacific equatorial waters, with reference to El Nino Southern Oscillation events"

OR

"Trophic relations in the subArctic North Pacific ecosystem: Possible feeding effect from pink salmon"

OR

"Temperature and light responses of alga Caulerpa taxifolia introduced into the Mediterranean Sea"

OR

"Correction of atmospheric effects for VEGETATION data"

OR

"Factors affecting gobbling activity of wild turkeys in central Mississippi"

OR

"Ecological advice for the global fisheries crisis"

OR

"Applying systems analysis in managing the water environment: Towards a new agenda"

OR

"Novel application of a back-propagation artificial neural network model formulated to predict algal bloom"

OR

"Fuzzy expert system to determine stream water quality classification from ecological information"

OR

"A simulation model of PCB dynamics in the Lake Ontario pelagic food web"

OR

"The effect of plant age and infection with virus yellows on the survival of Myzus persicae on sugar beet"

OR

"An integrated biosphere model of land surface processes, terrestrial carbon balance, and vegetation dynamics"

OR

"Comparative distribution, movements and diet of harbour and grey seals from the Moray Firth, NE Scotland"

OR

"An introduction to Bayesian inference for ecological research and environmental decision-making"

OR

"Testing ecological models: The meaning of validation"

OR

"Adaptive management for sound ecosystem management"

OR

"CO2 fluctuation at high latitudes"

OR

"Distribution of macroalgae and macroalgal communities in gradients of physical conditions in Potter Cove, King George Island, Antarctica"

OR

"Geographic spread of exotic species: Ecological lessons and opportunities from the invasion of the zebra mussel Dreissena polymorpha"

OR

"Status, prediction and prevention of introduced cordgrass Spartina spp invasions in Pacific estuaries, USA"

OR

"Interannual variations in zooplankton biomass in the Gulf of Alaska, and covariation with California current zooplankton biomass"

OR

"Open corridors appear to facilitate dispersal by ringlet butterflies (Aphantopus hyperantus) between woodland clearings"

OR

"A semi-arid grazing ecosystem simulation model with probabilistic and fuzzy parameters"

OR

"Dispersal data and the spread of invading organisms"

OR

"Artificial mixing prevents nuisance blooms of the cyanobacterium Microcystis in Lake Nieuwe Meer, the Netherlands"

OR

"Drought-CO2 interactions in trees: Observations and mechanisms"

OR

"Posterior predictive assessment of model fitness via realized discrepancies"

OR

"Insect-plant interactions: The evolution of component communities"

OR

"Application of neural networks to modelling nonlinear relationships in ecology"

OR

"Patternizing communities by using an artificial neural network"

OR

"The varying success of invaders"

OR

"Models of spatial spread: Is the theory complete?"

OR

"Contrasting rates of spread for introduced species in terrestrial and marine systems"

OR

"An accurate parameterization of the solar radiative properties of cirrus clouds for climate models"

OR

"Mechanisms that result in large herbivore grazing distribution patterns"

OR

"Dispersal, population growth, and the Allee effect: Dynamics of the house finch invasion of eastern North America"

OR

"Factors affecting survival of early life stages and subsequent recruitment of striped bass on the Pamunkey River, Virginia"

OR

"Adaptive monitoring design for ecosystem management"

OR

"A new simulation of cyanobacterial underwater movement (SCUM'96)"

OR

"Modelling the soil-plant-atmosphere continuum in a Quercus-Acer stand at Harvard forest: The regulation of stomatal conductance by light, nitrogen and soil/plant hydraulic properties"

OR

"Increased activity of northern vegetation inferred from atmospheric CO2 measurements"

OR

"Effects of climate warming on fish thermal habitat in streams of the United States"

OR

"Utilization of capture-mark-recapture for the study of recruitment and population growth rate"

OR

"A review of models of alien plant spread"

OR

"The population dynamics of brucellosis in the Yellowstone National Park"

OR

"Invulnerable prey and the paradox of enrichment"

OR

"Decadal variation in the trans Pacific migration of northern bluefin tuna (Thunnus thynnus) coherent with climate induced change in prey abundance"

OR

"Measurements of carbon sequestration by long-term eddy covariance: Methods and a critical evaluation of accuracy"

OR

"The propagation of errors in long-term measurements of land-atmosphere fluxes of carbon and water"

OR

"Multiple imputation after 18+ years"

OR

"Partial mortality in three species of reef-building corals and the relation with colony morphology"

OR

"Rainfall and foliar dynamics in tropical southern Africa: Potential impacts of global climatic change on savanna vegetation"

OR

"Shrub invasion of a tropical wetland: Implications for weed management"

OR

"In situ gas exchange responses of boreal vegetation to elevated CO2 and temperature: First season results"

OR

"Shrub-grassland small mammal and vegetation responses to rest from grazing"

OR

"Local projections for a global model of mountain pine beetle attacks"

OR

"The ecology of wildlife disease control: Simple models revisited"

OR

"An autologistic model for the spatial distribution of wildlife"

OR

"The use of artificial neural networks for the prediction of water quality parameters"

OR

"Comparison of radiative and physiological effects of doubled atmospheric CO2 on climate"

OR

"The effect of temperature on leaf appearance in rice"

OR

"Validating models of ecosystem response to global change"

OR

"Positive indirect effects between prey species that share predators"

OR

"Mortality of larval walleye pollock Theragra chalcogramma in the western Gulf of Alaska, 1988-91"

OR

"Discharge rates of Medicare stroke patients to skilled nursing facilities: Bayesian logistic regression with unobserved heterogeneity"

OR

"Temporal variation in aboveground biomass of Leymus chinense steppe from species to community levels in the Xilin River basin, Inner Mongolia, China"

OR

"Distribution of Vibrio vulnificus in the Chesapeake Bay"

OR

"The potential geographical distribution of the cane toad, Bufo marinus L in Australia"

OR

"Functional equivalency trajectories of the restored Gog-Le-Hi-Te estuarine wetland"

OR

"Formalisation of ecohydrological expert knowledge applying fuzzy techniques"

OR

"Modelling and forecasting annual fisheries catches: Comparison of regression, univariate and multivariate time series methods"

OR

"The CO2 dependence of photosynthesis, plant growth responses to elevated atmospheric CO2 concentrations and their interaction with soil nutrient status .1. General principles and forest ecosystems"

OR

"Using sensitivity analysis to assist parameter zonation in ground water flow model"

OR

"Fastidious xylem-limited bacterial plant pathogens"

OR

"An experimental study of the impact of feral swamp buffalo Bubalus bubalis on the breeding habitat and nesting success of magpie geese Anseranas semipalmata in Kakadu National Park"

OR

"Lack of severe nutrient limitation in Caulerpa taxifolia (Vahl) C Agardh, an introduced seaweed spreading over the oligotrophic northwestern Mediterranean"

OR

"Time series sampling and data assimilation in a simple marine ecosystem model"

OR

"The 1990-1995 El Nino Southern Oscillation event: Longest on record"

OR

"Pollen production in anemophilous trees"

OR

"Contaminant trends in lake trout and walleye from the Laurentian Great Lakes"

OR

"How do riverine plumes of different sizes influence fish larvae: Do they enhance recruitment?"

OR

"Hierarchical Bayesian time series models"

OR

"Assimilation of geosat altimeter data for the Agulhas Current using the ensemble Kalman filter with a quasigeostrophic model"

OR

"The Regional Particulate Matter Model .1. Model description and preliminary results"

OR

"Long distance movements of elephants in northern Kenya"

OR

"INFLUENCE OF THE NATAL ENVIRONMENT ON DISPERSAL OF WHITE-FOOTED MICE"

OR

"FISHERIES MANAGEMENT TO REDUCE CONTAMINANT CONSUMPTION"

OR

"Effects of plant age, leaf age and virus yellows infection on the population dynamics of Myzus persicae (Homoptera: Aphididae) on sugarbeet in field plots"

OR

"Habitat selection as a hierarchy: The spatial scales of winter foraging by muskoxen"

OR

"VEGETATION ECOSYSTEM MODELING AND ANALYSIS PROJECT - COMPARING BIOGEOGRAPHY AND BIOGEOCHEMISTRY MODELS IN A CONTINENTAL-SCALE STUDY OF TERRESTRIAL ECOSYSTEM RESPONSES TO CLIMATE-CHANGE AND CO2 DOUBLING"

OR

"A GLOBAL LAND PRIMARY PRODUCTIVITY AND PHYTOGEOGRAPHY MODEL"

OR

"LATE HOLOCENE RELATIVE SEA-LEVEL RISE AND THE GEOLOGICAL DEVELOPMENT OF TIDAL MARSHES AT WELLS, MAINE, USA"

OR

"Spread of the green alga Caulerpa taxifolia (Caulerpales, Chlorophyta) in the Mediterranean: Possible consequences of a major ecological event"

OR

"Temperature effects on the photosynthetic response of C-3 plants to long-term CO2 enrichment"

OR

"CONTINUOUS MONITORING OF SHORT-TERM DISSOLVED-OXYGEN AND ALGAL DYNAMICS"

OR

"Focus groups as a tool for fish and wildlife management: A case study"

OR

"NONLINEAR DYNAMICS - ORDERING CHAOS WITH DISORDER"

OR

"GREAT-LAKES HERRING GULL EGG PCB CONCENTRATIONS INDICATE APPROXIMATE STEADY-STATE CONDITIONS"

OR

"The clockwork of Finnish tetraonid population dynamics"

OR

"IMPLICATIONS OF SPATIAL HETEROGENEITY FOR THE PARADOX OF ENRICHMENT"

OR

"DISSOLVED-OXYGEN ANALYSIS WITH TEMPERATURE-DEPENDENCE"

OR

"STOMATAL RESPONSES TO INCREASED CO2 - IMPLICATIONS FROM THE PLANT TO THE GLOBAL-SCALE"

OR

"CARBON BALANCE IN THE TUNDRA, BOREAL FOREST AND HUMID TROPICAL FOREST DURING CLIMATE-CHANGE - SCALING-UP FROM LEAF PHYSIOLOGY AND SOIL CARBON DYNAMICS"

OR

"THE CONSEQUENCES OF RECRUITMENT LIMITATION - RECONCILING CHANCE, HISTORY AND COMPETITIVE DIFFERENCES BETWEEN PLANTS"

OR

"TEMPERATURE EFFECTS ON THE TIMING OF STRIPED BASS EGG-PRODUCTION, LARVAL VIABILITY, AND RECRUITMENT POTENTIAL IN THE PATUXENT RIVER (CHESAPEAKE BAY)"

OR

"POPULATION-DYNAMICS OF EXPLOITED FISH STOCKS AT LOW POPULATION-LEVELS"

OR

"MODELING STRATIFIED DIFFUSION IN BIOLOGICAL INVASIONS"

OR

"EFFECTS OF TEMPERATURE ON APHID PHENOLOGY"

OR

"ECOSYSTEM EXPERIMENTS"

OR

"ECOLOGICAL EXPERIMENTS WITH MODEL SYSTEMS"

OR

"MONTE-CARLO SAMPLING OF SOLUTIONS TO INVERSE PROBLEMS"

OR

"REDUCING THE RISKS OF NONINDIGENOUS SPECIES INTRODUCTIONS - GUILTY UNTIL PROVEN INNOCENT"

OR

"A DATA ASSIMILATION TECHNIQUE APPLIED TO A PREDATOR-PREY MODEL"

OR

"SUPER-INDIVIDUALS A SIMPLE SOLUTION FOR MODELING LARGE POPULATIONS ON AN INDIVIDUAL BASIS"

OR

"HYDROLOGIC MODELING AS A PREDICTIVE BASIS FOR ECOLOGICAL RESTORATION OF SALT MARSHES"

OR

"INFLUENCE OF COMMON RAGWEED (AMBROSIA-ARTEMISIIFOLIA) TIME OF EMERGENCE AND DENSITY ON WHITE BEAN (PHASEOLUS-VULGARIS)"

OR

"FORAGE QUALITY AND PATCH CHOICE BY WAPITI (CERVUS-ELAPHUS)"

OR

"IMPACT OF HIGH HERBIVORE DENSITIES ON INTRODUCED SMOOTH CORDGRASS, SPARTINA-ALTERNIFLORA, INVADING SAN-FRANCISCO BAY, CALIFORNIA"

OR

"THE MODELING OF DAILY POACEAE POLLEN CONCENTRATIONS"

OR

"BIOACOUSTICAL OCEANOGRAPHY AT HIGH-FREQUENCIES"

OR

"A PERSPECTIVE AND CRITIQUE OF ADAPTIVE NEUROFUZZY SYSTEMS USED FOR MODELING AND CONTROL APPLICATIONS"

OR

"SUGAR-BEET SEEDLING GROWTH FROM GERMINATION TO FIRST LEAF STAGE"

OR

"INTERACTION BETWEEN OXYGEN-TRANSFER MECHANISMS IN LAKE MODELS"

OR

"APPRAISING STATUS OF THE YELLOWSTONE GRIZZLY BEAR POPULATION BY COUNTING FEMALES WITH CUBS-OF-THE-YEAR"

OR

"BIOMASS, COVER AND ZONATION PATTERN OF SUBLITTORAL MACROALGAE AT SIGNY ISLAND, SOUTH ORKNEY ISLANDS, ANTARCTICA"

OR

"A MODEL FOR PREDICTING CONTINENTAL-SCALE VEGETATION DISTRIBUTION AND WATER-BALANCE"

OR

"SPATIAL AND TEMPORAL ASPECTS OF VERTEBRATE PEST DAMAGE WITH EMPHASIS ON FERAL PIGS"

OR

"AUTUMNAL SEDIMENTATION OF MICROCYSTIS SPP AS RESULT OF AN INCREASE IN CARBOHYDRATE BALLAST AT REDUCED TEMPERATURE"

OR

"EFFECTS OF SILTATION ON STREAM FISHES AND THE POTENTIAL MITIGATING ROLE OF THE BUFFERING RIPARIAN ZONE"

OR

"A REGIONAL LANDSCAPE ANALYSIS AND PREDICTION OF FAVORABLE GRAY WOLF HABITAT IN THE NORTHERN GREAT-LAKES REGION"

OR

"THE INFLUENCE OF TEMPERATURE ON COHORT-SPECIFIC GROWTH, SURVIVAL, AND RECRUITMENT OF STRIPED BASS, MORONE-SAXATILIS, LARVAE IN CHESAPEAKE BAY"

OR

"ONLINE ESTIMATION OF ERROR COVARIANCE PARAMETERS FOR ATMOSPHERIC DATA ASSIMILATION"

OR

"A CRITICAL-APPRAISAL OF A COMBINED STOMATAL-PHOTOSYNTHESIS MODEL FOR C-3 PLANTS"

OR

"SIMULATION ANALYSIS OF CROP-ROTATION EFFECTS ON WEED SEEDBANKS"

OR

"SEED SEEDLING CONFLICTS, HABITAT CHOICE, AND PATTERNS OF PLANT RECRUITMENT"

OR

"CHAOS IN A NOISY WORLD - NEW METHODS AND EVIDENCE FROM TIME-SERIES ANALYSIS"

OR

"STOCK-RECRUITMENT MODELS FOR PACIFIC SARDINE (SARDINOPS-SAGAX)"

OR

"REGIONAL PREDICTION OF THE WESTERN ROCK LOBSTER, PANULIRUS-CYGNUS, COMMERCIAL CATCH IN WESTERN-AUSTRALIA"

OR

"SYNCHRONOUS RESPONSE OF HYDROPHOBIC CHEMICALS IN HERRING GULL EGGS FROM THE GREAT-LAKES"

OR

"HARVEST INDEX - A REVIEW OF ITS USE IN PLANT-BREEDING AND CROP PHYSIOLOGY"

OR

"ECOLOGICAL ATTRIBUTES OF EXTINCTION-PRONE SPECIES - LOSS OF FRESH-WATER FISHES OF VIRGINIA"

OR

"SPATIALLY EXPLICIT POPULATION-MODELS - CURRENT FORMS AND FUTURE USES"

OR

"USEFULNESS OF SPATIALLY EXPLICIT POPULATION-MODELS IN LAND MANAGEMENT"

OR

"PARAMETER-ESTIMATION, RELIABILITY, AND MODEL IMPROVEMENT FOR SPATIALLY EXPLICIT MODELS OF ANIMAL POPULATIONS"

OR

"EVIDENCE THAT PCBS ARE APPROACHING STABLE CONCENTRATIONS IN LAKE-MICHIGAN FISHES"

OR

"FACTORS ASSOCIATED WITH PCB CONCENTRATIONS IN LAKE-MICHIGAN SALMONIDS"

OR

"A MARK-RELEASE EXPERIMENT ON LARVAL STRIPED BASS MORONE-SAXATILIS IN A CHESAPEAKE BAY TRIBUTARY"

OR

"MANAGING NORTH-AMERICAN WATERFOWL IN THE FACE OF UNCERTAINTY"

OR

"A REMARK ON ALGORITHM AS-181 - THE W-TEST FOR NORMALITY"

OR

"VARIATIONS IN CHLOROPHYLL FLUORESCENCE YIELDS IN PHYTOPLANKTON IN THE WORLD OCEANS"

OR

"CONTROLLING THE FALSE DISCOVERY RATE - A PRACTICAL AND POWERFUL APPROACH TO MULTIPLE TESTING"

OR

"Cyanobacterial toxins: Occurrence, properties and biological significance"

OR

"DOES DINGO PREDATION OR BUFFALO COMPETITION REGULATE FERAL PIG-POPULATIONS IN THE AUSTRALIAN WET-DRY TROPICS - AN EXPERIMENTAL-STUDY"

OR

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