﻿ "Harvest models of small populations of a large carnivore using Bayesian forecasting"

OR

"Integrating population- and individual-level information in a movement model of Yellowstone bison"

OR

"Water forecasts and data assimilation"

OR

"The Montana deer and Elk hunting population: The importance of cohort group, license price, and population demographics on hunter retention, recruitment, and population change"

OR

"Automated data-intensive forecasting of plant phenology throughout the United States"

OR

"Phosphorus and chlorophyll in the Bay of Quinte: A time-series/intervention analysis of 1972-2008 data"

OR

"Modeling habitat change in salt marshes after tidal restoration"

OR

"Seatrack Web forecasts and backtracking of oil spills - an efficient tool to find illegal spills using AIS"

OR

"Use of artificial neural networks for modelling cyanobacteria Anabaena spp. in the River Murray, South Australia"

OR

"Recruitment prediction for Pacific herring (Clupea pallasi) on the west coast of Vancouver Island, Canada"

OR

"Near real-time forecasting of recruitment from larval surveys: application to Alaska pollock"

OR

"Species co-occurrence analysis predicts management outcomes for multiple threats"

OR

"A grassland ecosystem model of the Xilingol steppe, Inner Mongolia, China"

OR

"Unravelling and forecasting algal population dynamics in two lakes different in morphometry and eutrophication by neural and evolutionary computation"

OR

"Forecasting capelin Mallotus villosus biomass on the Newfoundland shelf"

OR

"Predicting invasions: Propagule pressure and the gravity of allee effects"

OR

"Recruitment of striped bass in Chesapeake Bay: spatial and temporal environmental variability and availability of zooplankton prey"

OR

"Spatially explicit spreadsheet modelling for optimising the efficiency of reducing invasive animal density"

OR

"Use of Bayesian analysis with individual-based modeling to project outcomes of coral restoration"

OR

"Integrating age structured and landscape resistance models to disentangle invasion dynamics of a pond-breeding anuran"

OR

"Refinement of weed risk assessments for biofuels using Camelina sativa as a model species"

OR

"Forecasting pcb concentrations in Lake Michigan salmonids: A dynamic linear model approach"

OR

"Temporal dynamics and drivers of landscape-level spread by emerald ash borer"

OR

"Spatially-explicit forecasting of cyanobacteria assemblages in freshwater lakes by multi-objective hybrid evolutionary algorithms"

OR

"Facilitating feedbacks between field measurements and ecosystem models"

OR

"Predicting coastal algal blooms in southern California"

OR

"Modelling algal blooms using vector autoregressive model with exogenous variables and long memory filter"

OR

"Movement of outbreak populations of mountain pine beetle: influences of spatiotemporal patterns and climate"

OR

"Real-time observation, early warning and forecasting phytoplankton blooms by integrating in situ automated online sondes and hybrid evolutionary algorithms"

OR

"Predicting the Distribution of Vibrio spp. in the Chesapeake Bay: A Vibrio cholerae Case Study"

OR

"Managing moose, Alces alces, population in Finland: hunting virtual animals"

OR

"Habitat suitability modelling for mayflies (Ephemeroptera) in Flanders (Belgium)"

OR

"Spatiotemporally explicit model averaging for forecasting of Alaskan groundfish catch"

OR

"Modeling the fish community population dynamics and forecasting the eradication success of an exotic fish from an alpine stream"

OR

"Phenology predicts the native and invasive range limits of common ragweed"

OR

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

OR

"Development of a regional-scale pollen emission and transport modeling framework for investigating the impact of climate change on allergic airway disease"

OR

"Forecasting Cameraria ohridella invasion dynamics in recently invaded countries: from validation to prediction"

OR

"Global vegetation productivity response to climatic oscillations during the satellite era"

OR

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

OR

"How do MAR(1) models cope with hidden nonlinearities in ecological dynamics?"

OR

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

OR

"Early detection of emerging forest disease using dispersal estimation and ecological niche modeling"

OR

"How far might medium-term weather forecasts improve nitrogen fertiliser use and benefit arable farming in the England and Wales?"

OR

"Modeling biotic and abiotic influences on population size in small mammals"

OR

"Forecasting the combined effects of urbanization and climate change on stream ecosystems: from impacts to management options"

OR

"DENSITY-DEPENDENCE IN RANGELAND GRASSHOPPERS (ORTHOPTERA, ACRIDIDAE)"

OR

"Neural network modelling of coastal algal blooms"

OR

"Estimating cyanobacterial bloom transport by coupling remotely sensed imagery and a hydrodynamic model"

OR

"Forecasting short- term cyanobacterial blooms in Lake Taihu, China, using a coupled hydrodynamic- algal biomass model"

OR

"A management case study for a new commercial fishery: brine shrimp harvesting in Great Salt Lake, Utah, USA"

OR

"Recruitment forecast models for walleye pollock Theragra chalcogramma fine-tuned from juvenile survey data, predator abundance and environmental phase shifts"

OR

"Assimilating remote sensing data into a crop model to improve predictive performance for spatial applications"

OR

"IPM2: toward better understanding and forecasting of population dynamics"

OR

"Dendroclimatic Assessment of a 200-Year-Old Scots Pine Stand in the Voronezh Biosphere Reserve"

OR

"Forecasting wildlife die-offs from extreme heat events"

OR

"Landscape heterogeneity is key to forecasting outcomes of plant reintroduction"

OR

"Assimilation of multiple data sets with the ensemble Kalman filter to improve forecasts of forest carbon dynamics"

OR

"SHRIMP AND FISH CATCH LANDING TRENDS IN SONGKHLA LAGOON, THAILAND DURING 2003-2016"

OR

"Fuzzy logic modeling of the dissolved oxygen fluctuations in Golden Horn"

OR

"Prediction of airborne pollen concentrations for the plane tree as a tool for evaluating allergy risk in urban green areas"

OR

"Improved management of small pelagic fisheries through seasonal climate prediction"

OR

"Semi-arid vegetation response to antecedent climate and water balance windows"

OR

"Forecasting phenology: from species variability to community patterns"

OR

"Ensemble Modeling of Antarctic Macroalgal Habitats Exposed to Glacial Melt in a Polar Fjord"

OR

"Probing the limits of predictability: data assimilation of chaotic dynamics in complex food webs"

OR

"Use of structured expert judgment to forecast invasions by bighead and silver carp in Lake Erie"

OR

"Novel catch projection model for a commercial groundfish catch shares fishery"

OR

"An early warning system for wheat production in low rainfall areas of Jordan"

OR

"Operational forecasts of algae blooms in the Baltic Sea"

OR

"FORETo: New software for reference evapotranspiration forecasting"

OR

"State-space modelling reveals proximate causes of harbour seal population declines"

OR

"Satellite Assessment of Early-Season Forecasts for Vegetation Conditions of Grazing Allotments in Nevada, United States"

OR

"Forecasting cyanobacterium Anabaena spp. in the River Murray, South Australia, using B-spline neurofuzzy models"

OR

"Predicting the future is hard and other lessons from a population time series data science competition"

OR

"Predicting novel trophic interactions in a non-native world"

OR

"The predictability of mosquito abundance from daily to monthly timescales"

OR

"Predicting spatio-temporal recolonization of large carnivore populations and livestock depredation risk: wolves in the Italian Alps"

OR

"Pollen forecasting: The melding of aerobiology, plant phenology, and meteorology"

OR

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

OR

"Establishing surveillance areas for tackling the invasion of Vespa velutina in outbreaks and over the border of its expanding range"

OR

"Forecasting the spatiotemporal pattern of the cane toad invasion into north-western Australia"

OR

"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"

OR

"The Saturniidae of Barro Colorado Island, Panama: A model taxon for studying the long-term effects of climate change?"

OR

"The cresting wave: larval settlement and ocean temperatures predict change in the American lobster harvest"

OR

"Seasonal occurrence and abundance of dabbling ducks across the continental United States: Joint spatio-temporal modelling for the Genus Anas"

OR

"Exploring the spatiotemporal dynamics of habitat suitability to improve conservation management of a vulnerable plant species"

OR

"Monitoring dynamic spatio-temporal ecological processes optimally"

OR

"Memory, not just perception, plays an important role in terrestrial mammalian migration"

OR

"The rice leaf blast simulation model EPIBLAST"

OR

"Developing and evaluating a management strategy evaluation framework for the Gulf of Maine cod (Gadus morhua)"

OR

"Using the MAXENT Program for Species Distribution Modelling to Assess Invasion Risk"

OR

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

OR

"Individual-based models forecast the spread and inform the management of an emerging riverine invader"

OR

"Linking big models to big data: efficient ecosystem model calibration through Bayesian model emulation"

OR

"Weather and grouse population dynamics"

OR

"Hierarchical Bayesian models for predicting the spread of ecological processes"

OR

"The use of mesoscale meteorological models as a tool for pollen concentration forecasts"

OR

"Fuzzy modeling of cyanobacterial surface waterblooms: Validation with NOAA-AVHRR satellite images"

OR

"Testing the responses of a dynamic global vegetation model to environmental change: a comparison of observations and predictions"

OR

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

OR

"A hierarchical spatiotemporal analog forecasting model for count data"

OR

"The forecasting of the East Anglian Herring Fishery"

OR

"Assessing the multi-pathway threat from an invasive agricultural pest: Tuta absoluta in Asia"

OR

"Population dynamics and control of invasive Spartina alterniflora: inference and forecasting under uncertainty"

OR

"Prediction of the livestock carrying capacity using neural network in the meadow steppe"

OR

"Forecasting Yangtze finless porpoise movement behavior using anEulerian-Eulerian-diffusion method (EEDM)"

OR

"Hybrid evolutionary computation quantifies environmental thresholds for recurrent outbreaks of population density"

OR

"Global evaluation of a semiempirical model for yield anomalies and application to within-season yield forecasting"

OR

"Towards a predictive model of species interaction beta diversity"

OR

"Population resilience to catastrophic mortality events during early life stages"

OR

"End-user involvement to improve predictions and management of populations with complex dynamics and multiple drivers"

OR

"INTERACTIONS OF ANGLERS AND WALLEYES IN ESCANABA LAKE, WISCONSIN"

OR

"Invasionsoft: A web-enabled tool for invasive species colonization predictions"

OR

"The performance of the model AMBAV for evapotranspiration and soil moisture on Muncheberg data"

OR

"A new calibration for Fire Weather Index in Spain (AEMET)"

OR

"A method for forecasting the dates of mass calving and some characteristics of the rut and calving in the Kalmyk population of saiga (Saiga tatarica L.)"

OR

"Prediction in ecology: a first-principles framework"

OR

"A catch rate-environment time series approach to the prediction of catches taken from the Esperance southern rock lobster fishery"

OR

"USING WEATHER RECORDS WITH A FORAGE PRODUCTION-MODEL TO FORECAST RANGE FORAGE PRODUCTION"

OR

"Increased ecosystem variability and reduced predictability following fertilisation: Evidence from palaeolimnology"

OR

"A broadscale wind erosion model for environmental, assessment and management"

OR

"Modelling the incidence of virus yellows in sugar beet in the UK in relation to numbers of migrating Myzus persicae"

OR

"Forecasting systems for migrant pests .3. Locusts and grasshoppers in West Africa and Madagascar"

OR

"Implementation of Markov Chains for Probabilistic Forecast of Different Conditions of Moistening in Vegetation Period Based on Example of Voronezh"

OR

"Brood Surveys and Hunter Observations Used to Predict Gobbling Activity of Wild Turkeys in Mississippi"

OR

"Modelling the spread and control of Xylella fastidiosa in the early stages of invasion in Apulia, Italy"

OR

"The use of CO2 flux time series for parameter and carbon stock estimation in carbon cycle research"

OR

"Use of remote-sensing reflectance to constrain a data assimilating marine biogeochemical model of the Great Barrier Reef"

OR

"Predicting worldwide invasiveness for four major problematic decapods: an evaluation of using different calibration sets"

OR

"FORECASTING FORAGE YIELD FROM PRECIPITATION IN CALIFORNIAS ANNUAL RANGELAND"

OR

"Modeling soil water reserves and biomass in a semiarid, drip irrigated artichoke plot using PILOTE"

OR

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

OR

"A FOOD-WEB APPROACH TO EVALUATING THE EFFECT OF INSECTICIDE SPRAYING ON INSECT PEST POPULATION-DYNAMICS IN A PHILIPPINE IRRIGATED RICE ECOSYSTEM"

OR

"New method of forecasting forest fire risk in Poland"