

Matthew J Grainger

Post-Doctoral Fellow

*Wildlife, Uncertainty, Evidence synthesis, Decision
models*

Education and qualifications

- 1994 - 1997 **BSc (Hons) in Zoology**, *Newcastle University*, Newcastle upon Tyne, UK.
- 2004 - 2005 **MSc in Conservation & planning**, *University of Pretoria*, Gauteng, South Africa.
- 2008 - 2012 **PhD Zoology**, *University of Pretoria*, Gauteng, South Africa.

Publications

- 2018 **Drivers of existing and emerging food safety risks: Expert opinion regarding multiple impacts**, *H Kendall, G Kaptan, G Stewart, M Grainger, S Kuznesof, P Naughton, ...*, Food Control.
- 2018 **Socio-economic, technological and environmental drivers of spatio-temporal changes in fishing pressure**, *F Stephenson, AC Mill, CL Scott, GB Stewart, MJ Grainger, NVC Polunin, ...*, Marine Policy.
- 2018 **Is planting trees the solution to reducing flood risks?**, *J Carrick, MSAB Abdul Rahim, C Adjei, HHH Ashraa Kalee, SJ Banks, ...*, Journal of Flood Risk Management.
- 2018 **Using the Value of Information to improve conservation decision making**, *FC Bolam, MJ Grainger, KL Mengersen, GB Stewart, WJ Sutherland, ...*, Biological Reviews.
- 2018 **Conservation status of Phasianidae in Southeast Asia**, *MJ Grainger, PJ Garson, SJ Browne, PJK McGowan, T Savini*, Biological Conservation.

- 2018 **Model selection and averaging in the assessment of the drivers of household food waste to reduce the probability of false positives**, *MJ Grainger, L Aramyan, S Piras, TE Qusted, S Righi, M Setti, M Vittuari, ...*, PloS one.
- 2018 **The use of systems models to identify food waste drivers**, *MJ Grainger, L Aramyan, K Logatcheva, S Piras, S Righi, M Setti, ...*, Global food security.
- 2018 **An imperfect vision of indivisibility in the Sustainable Development Goals**, *PJK McGowan, GB Stewart, G Long, MJ Grainger*, Nature Sustainability.
- 2018 **Spatial distribution of display sites of Grey Peacock-pheasant in relation to micro-habitat and predators during the breeding season**, *S Thunhikorn, MJ Grainger, PJK McGowan, T Savini*, Avian Research.
- 2017 **The jury is still out on social media as a tool for reducing food waste a response to Young et al.(2017)**, *MJ Grainger, GB Stewart*, Resources, Conservation and Recycling.
- 2017 **Informing decisions on an extremely data poor species facing imminent extinction**, *M Grainger, D Ngoprasert, P McGowan, T Savini*, Oryx.
- 2017 **D4. 3-Model integration: integrated socio-economic model on food waste**, *M Grainger, G Stewart, S Piras, S Righi, M Setti, M Vittuari, LH Aramyan*, REFRESH.
- 2017 **Food Waste Reduction in Supply Chains Through Innovations**, *LH Aramyan, MJ Grainger, K Logatcheva, S Piras, S Righi, M Setti, ...*, Proceedings of the.
- 2016 **Assessing the population of grey peacock-pheasant (*Polyplectron bicalcaratum*) in a Southeast Asian conservation landscape**, *S Thunhikorn, MJ Grainger, PJK McGowan, T Savini*, Raffles Bulletin of Zoology.
- 2016 **Methods used to survey avian species and their potential for surveying ground-dwelling birds in Asia**, *S Thunhikorn, MJ Grainger, PJK McGowan, T Savini*, Forktail.
- 2016 **D4. 2-Model development and data protocol**, *M Grainger, G Stewart, S Piras, S Righi, M Setti, M Vittuari, LH Aramyan*, REFRESH.

- 2016 **A review of methods used to survey avian species and their potential for surveying ground-dwelling birds in Asia**, *S Thunhikorn, M Grainger, P McGowan*, Newcastle University.
- 2016 **Assessing the population status of Grey Peacock-pheasant (*Polyplectron bicalcaratum*) in Huai Kha Khaeng, a key conservation landscape in Southeast Asia**, *S Thunhikorn, MJ Grainger, PJK McGowan, T Savini*, Raffles Bulletin of Zoology.
- 2015 **An IUCN situation analysis of terrestrial and freshwater fauna in West and Central Africa**, *IUCN Species Survival Commission*, IUCN.
- 2015 **Analyse de situation de l’UICN concernant la faune terrestre et d’eau douce en Afrique centrale et de l’Ouest**, *FHA Aalen, MJ Grainger, F Hibert, M Hoffmann, DP Mallon, ...*, IUCN.
- 2015 **Can Non-Native Species Explain Patterns of Convergence and Deviation in Regenerating Coastal Dune Forest?**, *M Grainger, R van Aarde*, Ecological Restoration.
- 2013 **The role of canopy gaps in the regeneration of coastal dune forest**, *MJ Grainger, RJ Van Aarde*, African Journal of Ecology.
- 2013 **METHOD FOR THE ASSESSMENT OF PRIORITIES FOR INTERNATIONAL SPECIES CONSERVATION (MAPISCO)**, *M Grainger, P McGowan, A McKenzie, J Minderman, JP Rodriguez,*
- 2012 **Is succession-based management of coastal dune forest restoration valid?**, *MJ Grainger, RJ Van Aarde*, Ecological Restoration.
- 2012 **Galliformes science and species extinctions: what we know and what we need to know**, *PJK McGowan, LL Owens, MJ Grainger*, Animal Biodiversity and Conservation.
- 2012 **Where is the Evidence for Assessing EvidenceBased Restoration? Comments on Ntshotsho et al.(2010)**, *RAR Guldemon, MJ Grainger, MJ Trimble*, Restoration Ecology.
- 2012 **The resilience of the medicinal plant community of rehabilitating coastal dune forests, KwaZuluNatal, South Africa**, *M Grainger, R van Aarde*, African Journal of Ecology.

- 2011 **Landscape composition influences the restoration of subtropical coastal dune forest**, *MJ Grainger, RJ van Aarde, TD Wassenaar*, Restoration ecology.
- 2011 **An evaluation of coastal dune forest restoration in northern KwaZulu-Natal, South Africa**, *MJ Grainger*, University of Pretoria.
- 2010 **The influence of electric fences on large mammal movements in the Kilombero Valley, Tanzania**, *C Bonnington, M Grainger, S Dangerfield, E Fanning*, African Journal of Ecology.
- 2010 **Evidence for local declines in Tanzanias puku antelope (*Kobus vardoni* Livingstone, 1857) population between 1999 and 2003**, *C Bonnington, MD Steer, J LamontagneGodwin, N Owen, M Grainger*, African Journal of Ecology.
- 2005 **Landscape heterogeneity and the use of space by elephants in the Kruger National Park, South Africa**, *M Grainger, R Van Aarde, I Whyte*, African Journal of Ecology.