Dr Matthew Grainger

Researcher I

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Contact Information

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Education

Ph.D. Zoology, University of Pretoria, 2011
Thesis Title: "An evaluation of coastal dune forest restoration in northern KwaZulu-Natal, South Africa", "Test of the predictions of succession in a restoration context to ascertain the validity of succession-based management"

MSc in Conservation and planning, University of Pretoria, 2005 Thesis Title: "Landscape heterogeneity and the use of space by elephants in the Kruger National Park, South Africa"

BSc (Hons) Zoology, Newcastle University 1997

Current Role

Researcher I, Norwegian Institute for Nature Research (NINA), 2019-present
- I am an ecologist and researcher at the Norwegian Institute for Nature Research, specialising in biodiversity and wildlife management. With a strong foundation in quantitative methods, ecological modelling, and meta-analysis, I have contributed to a variety of studies aimed at understanding the impacts of land-use change, climate change, and conservation efforts on wildlife populations. Through rigorous evidence synthesis and systematic reviews, I work to ensure that ecological research translates into effective, data-driven decision-making for conservation and environmental policy. My research integrates cutting-edge methods and statistical techniques to forecast biodiversity outcomes and improve conservation strategies in a rapidly changing world.

Selected Publications

- **Citationchaser: A tool for transparent and efficient forward and backward citation chasing in systematic searching.** (2022)
  Haddaway NR, Grainger MJ, Gray CT.
  Res Syn Meth.
  DOI

- **EviAtlas: a tool for visualising evidence synthesis databases.** (2019)
  Haddaway, N.R., Feierman, A., Grainger, M.J. et al.
  Environ Evid
  DOI

- **Evidence synthesis for tackling research waste.** (2020)
  Grainger, M.J., Bolam, F.C., Stewart, G.B. et al.
  Nat Ecol Evol
  DOI

- **An imperfect vision of indivisibility in the Sustainable Development Goals** (2019)
  McGowan, P.J.K., Stewart, G.B., Long, G., Grainger, M.J.
  Nat Sustain
  DOI

- **Method Reporting with Initials for Transparency (MeRIT) promotes more granularity and accountability for author contributions** (2023)
  Nakagawa, S., Ivimey-Cook, E.R., Grainger, M.J. et al.
  Nat Commun
  DOI

- **Training future generations to deliver evidence-based conservation and ecosystem management** (2021)
  Downey H Amano, M CadotteS, et al.
  Ecol Solut Evidence
  DOI

- **Existing evidence on the use of participatory scenarios in ecological restoration: a systematic map** (2023)
  Durrant, E., Howson, P., Puttick, B. et al.
  Environ Evid
  DOI

Leadership and Service Roles

- **Co-lead**, Evidence Synthesis Hackathon
- **Board Member**, Collaboration for Environmental Evidence (CEE)
- **Member**, Campbell's Systematic Reviews and EGMs Reviews Methodology Group
- **Associate Editor**, Research Synthesis Methods
- **Associate Editor (data and code)**, Ecology Letters