

# 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 Cadotte S, 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