



The Ecology & Macroecology Group of the University of Potsdam, Germany, is offering a

Postdoc fellowship / Sabbatical fellowship

for an excellent **female researcher** (with less than 12 years research experience after PhD) in the field of **global change ecology and biodiversity modelling**. Funding is provided through a stipend of the Alexander von Humboldt foundation; due to specifications of the funder, only female researchers are eligible in this funding round. The stipend is available for 6-24 months and ranges 2870-3370 EUR per month depending on career stage, plus travel allowance and family allowance if applicable. The fellowship should start between Sept-2024 and Jun-2025, and can be split into several smaller stays. German citizens and researchers with previous employments in Germany are not eligible for the fellowship.

We are a young and dynamic team broadly interested in patterns and drivers of biodiversity dynamics under global change. Our work combines approaches from macroecology, conservation biogeography, movement ecology and modelling to improve our mechanistic understanding and predictability of biodiversity patterns across space and time. Most of our work focusses on terrestrial ecosystems, and on birds and plants. Yet, our concepts and methods are also applicable to other systems. For more information on our research, please visit our website: <https://www.uni-potsdam.de/en/ibb-macroecology>. The working language is English.

We are particularly keen to welcome fellows working on topics such as:

- improving (spatially explicit) biodiversity modelling frameworks from monitoring to mitigation, e.g. optimising monitoring, detection and attribution, adaptive management, prioritisation, intersectoral model coupling, machine learning emulators
- improving mechanistic understanding of dispersal, e.g. studying context dependency of dispersal using tracking data and mark-recapture data
- improving mechanistic understanding of species interactions, e.g. studying spatiotemporal variability in interaction networks
- improve monitoring using AI approaches, esp. acoustic monitoring and image recognition

To be considered for this fellowship, please send an **informal expression of interest** with a short statement how your research interests align with research in our lab and your CV with full list of publications to the head of team: Damaris Zurell (damaris.zurell@uni-potsdam.de).