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## Postdoctoral Research Fellowship

**Project Title:** Eco-evolutionary modelling of biodiversity changes in open adaptive communities.

### Scope of Research:

This project aims to use mathematical and statistical tools to monitor and predict the dynamics and patterns of community transitions when facing cross-scale stressors, such as habitat loss and climate change. It brings together advanced mathematical models and statistical methods with real biodiversity data to create in-depth understanding of how ecological communities and interaction networks assemble and operate in changing environments.

The research is part of the South African Research Chair (SARChI) research programme in mathematical and theoretical physical biosciences. The postdoctoral candidate will have opportunity to work on this project within the interdisciplinary SARChI team.

### Requirements:

1. PhD in related fields (graduated within the last 5 years)
2. Proven scientific publication records
3. Proven experience in ecological modelling and coding

Please note that postdoctoral fellows are not appointed as employees and are therefore not eligible for employee benefits. Postdoctoral fellowships are also awarded tax free.

**Commencement of duties:** Open until filled

**Closing date:** Open until filled

Enquiries: Send a letter of application, accompanied by a comprehensive curriculum vitae, including list of publications and the names and contact details of at least two referees, to Ms Hilary Lamb ([hlamb@sun.ac.za](mailto:hlamb@sun.ac.za)) contact 021 808 4907.



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