



PhD stipends: eco-evolutionary dynamics and macroecology

PhD opportunities are now available in the related fields of ecological modelling, global change biology and biogeography at the University of Adelaide's School for Biological Sciences, with joint external supervision from staff at the University of Copenhagen's Centre for Macroecology, Evolution and Climate (CMEC).

We are currently looking for enthusiast PhD students to work on multi-disciplinary projects, which aim to improve our understanding of how the geographical ranges of species contract and erode biodiversity. These projects are utilizing the latest developments in quantitative ecology, paleoclimatology, geochronology and genomics to establish the processes that drive species to contract their ranges in response to climate change, overexploitation and habitat modification. To do this we are reconstructing the range dynamics of now extinct vertebrates using models, fossils and species genes. The research will directly inform the conservation and management of future biodiversity.

The School of Biological Sciences at the University of Adelaide, and CMEC at the University of Copenhagen's Museum for Natural History, are international leaders in the fields of quantitative and paleo ecology, climate change science, macroecology, genetics, genomics & evolutionary biology. They both deliver postgraduate education, training and research with both national relevance and global outreach. Both institutions are working towards creating dual award PhD degrees, where candidates spend 2 years studying at the University of Adelaide and 1 year studying at the University of Copenhagen.

Interested candidates are encouraged to start the application process as soon as possible because of southern hemisphere deadlines. You should have:

- A commitment to research excellence
- Good data management skills
- Competency in statistical and spatial data analysis
- Excellent time management and interpersonal skills
- Evidence of well-developed verbal and written communication skills

Qualifications: BSc with Honours or a Masters degree in ecology, climate science, mathematics, conservation biology or population genetics.

Salary: Stipends of \$26,288/yr (AUD) are available to suitably qualified candidates. Students can apply for top-up scholarships for periods spent studying in Copenhagen.

If you would like to know more about these positions, please contact Dr Damien Fordham (damien.fordham@adelaide.edu.au); A/Prof David Nogués-Bravo (dnogues@snm.ku.dk); or Prof. Carsten Rahbek (crabek@snm.ku.dk).