

Postdoctoral Research Associate: Regional Resilience: Interlinked Systems of People and Nature at Multiple Scales

Job Level: Research Academic Level B, Research Academic Level A

Location: Townsville

Closing Date: 23 December 2005

Reference: 5196

Position Statement

This project examines the role of networks of protected areas in the long-term social-ecological resilience of entire regions. It requires analysis of institutional and ecological dynamics across scales. The position will be co-funded with *The Resilience Alliance*, supported in part by grants from the Packard Foundation and the Christiansen fund. A workshop for this project will meet in March 2006. We seek an analytical modeller with a focus on complex non-linear threshold dynamics at multiple scales, who will work in collaboration with other mathematicians, ecologists and social scientists.

Duties and Accountabilities

1. Conduct research independently and as part of a team which contributes to the achievement of the aims of the ARC Centre of Excellence, particularly the research program for resilience of linked Social-Ecological Systems
2. Investigate the role of networks of protected areas in the long-term social-ecological resilience of entire regions by analysis of institutional and ecological dynamics across scales
3. Work independently and collaborate with centre staff, mathematicians, ecologists and social scientists to apply skills to research problems in coral reef management and conservation
4. Production of publications from research in high quality journals
5. Co-supervision of graduate students, if appropriate

Key Selection Criteria

1. PhD in related discipline
2. Exceptional publications record for stage of career
3. Experience in analytical modelling and complex non-linear threshold dynamics at multiple scales
4. Established links (national and international) with appropriate research organisations and personnel
5. High level of numerical/statistical and modelling skills
6. Demonstrated effective interpersonal and communication skills

Desirable Selection Criteria

Enquiries to

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Employment Type

Appointments will be full-time for a fixed term (research only) of up to three years subject to a probationary period.

Salary

\$58942 - \$69743 per annum
\$52317 - \$56060 per annum
depending on qualifications and experience

Benefits

Benefits include generous employer superannuation contribution and attractive options for salary packaging.

Method of Application Procedures

Please forward a CV, statement of research interests, pdfs of recent publications, email addresses of three potential referees, and a cover letter which addresses the selection criteria to Recruitment Officer, Human Resources, telephone: (07) 4781 5012; e-mail jcu.recruitment@jcu.edu.au

Apply on line from <http://www.jcu.edu.au/app/jobs/positiondetails.cfm?reference=5196>