



**Australian  
National  
University**

## Position Description

<b>College/Division:</b>	<b>ANU College of Science</b>
<b>Faculty/School/Centre:</b>	<b>ANU Institute for Climate, Energy &amp; Disaster Solutions (ICEDS)</b>
<b>Department/Unit:</b>	
<b>Position Title:</b>	<b>Postdoctoral Fellow</b>
<b>Classification:</b>	<b>Level A</b>
<b>Position No:</b>	<b>TBA</b>
<b>Responsible to:</b>	<b>Head, Disaster Solutions</b>
<b>Number of positions that report to this role:</b>	<b>n/a</b>
<b>Delegation(s) Assigned:</b>	<b>TBA</b>

### PURPOSE STATEMENT:

This position is a joint appointment between the ANU Institute for Climate, Energy & Disaster Solutions (ICEDS), and CSIRO Environment.

Climate, energy and disasters are crucial and growing issues for Australia. The Institute for Climate, Energy and Disaster Solutions (ICEDS) advances innovative solutions to address climate change, energy system transitions and disasters. We facilitate integrated approaches to research, teaching and policy engagement across disciplines.

CSIRO Environment works across the domains of climate, land, water, ecosystems and communities to deliver outcome-focussed biophysical and socio-economic research. CSIRO delivers innovative solutions to the complex challenges that arise from the demands and impacts of human activities on the environment.

The Postdoctoral Fellow / Associate Lecturer is expected to undertake work in all three areas of academic activity –research, education and service (including outreach). The allocation of time to each area will be discussed with the position supervisor annually and be reflective of the external funding conditions that support the appointment, the appointees research agenda, school and interdisciplinary teaching requirements and leadership opportunities within the School environment.

The Postdoctoral Fellow / Associate Lecturer may also be required to supervise or assist in the supervision of students, and contribute cooperatively to the overall intellectual life of the School, College and University.

### KEY ACCOUNTABILITY AREAS:

#### Position Dimension and Relationships:

The Postdoctoral Fellow will be a member of ICEDS, accountable to the Head, Disaster Solutions, and Director of the Institute. The Postdoctoral Fellow will be expected to work collegially, leading by example to develop and maintain effective, productive and beneficial workplace relationships within the all-academic and professional School and College staff, students and honorary appointees, as well as with industry stakeholders. This position will also have a mentoring role for students and will engage in collegial and productive collaborations with local, national and where possible, international colleagues.

#### Role Statement:

In their role as an Academic Level A the Postdoctoral Fellow is expected to:

- Undertake and publish independent and collaborative research to contribute to the ANU NEMA-funded initiative - Partnering with local communities in regional Australia to increase resilience to flood risk and the CSIRO Northern Rivers Resilience Initiative. This will include working with the team to generate action plans to achieve flood mitigation and co-benefits; working with hydrologists to quantify the potential impact of nature-based solutions on floods and working with sociologists to understand the communities' attitudes to nature-based solutions

- Engage with regional communities, Councils, and government agencies to obtain information and data and to understand their needs and perspectives in order to contribute to and assess the interventions.
- Participate in project meetings including presenting results and contributing to writing project reports
- Contribute to the teaching activities of the Institute at the undergraduate and graduate levels. This includes, but is not limited to, the preparation and delivery of lectures and tutorials, the preparation of online material, marking and assessment, consultations, and with students or acting as subject coordinators.
- Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Assist with supervision of research students.
- Assist to supervise research support staff in your research area.
- Actively contribute to all aspects of the operation of ICEDS.
- Assist in outreach activities including to prospective students, research institutes, industry, government, the media and the general public.
- Maintain high academic standards in all education, research and administration endeavours.
- Take responsibility for their own workplace health and safety and not willfully place at risk the health and safety of another person in the workplace.
- A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.
- Other duties as required that are consistent with the classification of the position.
- Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity

### Skill Base:

A Level A academic will work with the support and guidance from more senior academic staff and is expected to develop their expertise in teaching and research with an increasing degree of autonomy. A Level A academic will normally have completed four years of tertiary study or equivalent qualifications and experience and may be required to hold a relevant higher degree.

A Level A academic will normally contribute to teaching at the institution, at a level appropriate to the skills and experience of the staff member, engage in scholarly, research and/or professional activities appropriate to their profession or discipline, and undertake administration primarily relating to their activities at the institution. The contribution to teaching of Level A academics will be primarily at undergraduate and graduate diploma level.

### SELECTION CRITERIA:

- A PhD (or awarding of a PhD within six months of appointment commencement) in ecology, hydrology, environmental science, environmental engineering or equivalent qualifications and experience in a related area, with a track record of independent research in the field of ecology or hydrology as evidenced by publications in peer-reviewed journals and conferences.
- Evidence of the ability to articulate and prosecute innovative research in the field of ecology or hydrology.
- An ability and commitment to contribute to bids for competitive external funding to support individual and collaborative research activities.
- Evidence of an ability and willingness to teach at all levels.
- The ability to assist in the supervision of students working on research projects.
- The ability to work as part of a team and to meet deadlines.
- Excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
- A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

*The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the Background Checking Procedure which sets out the types of checks required by each type of position.*

<b>Supervisor/Delegate Signature:</b>		<b>Date:</b>	
<b>Printed Name:</b>		<b>Uni ID:</b>	

### References:

[General Staff Classification Descriptors](#)[Academic Minimum Standards](#)