

# RESEARCH FELLOW

## Terrestrial Ecology

<b>School/Centre</b>	School of Life and Environmental Sciences
<b>Faculty/Institute/Division</b>	Faculty of Science Engineering & Built Environment
<b>Classification</b>	Level B, Research Only
<b>Responsible to</b>	Professor of Terrestrial Ecology
<b>Hours of Duty</b>	Full-time
<b>Location of Work</b>	Melbourne Burwood Campus
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<b>Vacancy closes</b>	3 January, 2016
<b>Vacancy reference number</b>	150725
<b>More information</b>	Professor Don Driscoll, d.driscoll@deakin.edu.au

### POSITION PURPOSE

The Research Fellow will initiate and conduct research in the area of conservation biology and ecology in terrestrial systems. This new position will negotiate with the principal supervisor to design projects that engage a range of stakeholders, enable collaboration, and which solve challenging problems in ecological theory and practical conservation.

The Research Fellow is expected to contribute to the research output of the Centre for Integrative Ecology.

The Research Fellow will contribute to honours and postgraduate supervision and may have some administrative responsibilities.

This is a new fixed-term position funded by the *Faculty of Science Engineering and Built Environment, School of Life and Environmental Sciences (LES)*.

### SELECTION CRITERIA – ESSENTIAL

#### Qualifications

1. A doctoral qualification in ecology or related disciplines.

#### Experience, Knowledge and Skills

2. Post-doctoral research experience, which has resulted in publications in high impact international journals.
3. Demonstrated skills in using R for analysis of complex data sets.
4. Experience in collecting field data and capacity to undertake independent field work in remote areas.

5. Demonstrated capacity to implement research in collaboration with a range of stake-holders (government agencies, private landholders, conservation groups etc.).

## SELECTION CRITERIA – DESIRABLE

Strengths in one or more of the following fields would be an advantage:

6. Analysis of spatial data
7. Python programming and electronic engineering
8. Genetic lab work and analysis
9. Engagement with the media

## SPECIAL REQUIREMENTS

- Drivers licence
- Include in your application a brief cover letter and a CV with full reference list. Separate peer-reviewed publications from conference abstracts or papers not yet submitted.
- Address selection criteria 1-9 in no more than two pages.
- Write up to one additional page (up to 5-600 words) describing your research ideas that could serve as a starting point for project negotiation (any citations may be included in addition to the one page).

## How To Apply

Apply on-line, using the format described in special requirements above (search with "terrestrial ecology" at [https://jobs.deakin.edu.au/psp/HCMP/EMPLOYEE/HRMS/c/HRS\\_HRAM.HRS\\_APP\\_SCHJOB.GBL?Page=HRS\\_APP\\_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1](https://jobs.deakin.edu.au/psp/HCMP/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCHJOB.GBL?Page=HRS_APP_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1))

## LIFE AT DEAKIN

Deakin University is proud to be recognised as an organisation that offers a friendly and supportive working environment. Our staff are committed to genuinely making a difference to thousands of people's lives by contributing to excellence in their education. We acknowledge the importance of providing a dynamic and diverse working environment and strive to offer variety in day-to-day roles as well as various career and professional development opportunities to assist staff to grow and progress their careers. Deakin University staff have the opportunity to interact with colleagues from a diverse range of cultures and professional backgrounds, all who share a common interest in lifelong learning. Furthermore, our staff enjoy the physical location and natural surrounds of our working environments, which they report as enhancing their job satisfaction.

Alongside our international and Australian partners, Deakin University operates on four main campuses; Melbourne Burwood Campus, Geelong Waurin Ponds Campus, Geelong Waterfront Campus, and the Warrnambool Campus. We also have a location in the Melbourne and Warrnambool CBDs as well as learning centres across regional Victoria.

The University may require staff to work at other locations outside their primary place of work.

## WHY WORK FOR OUR UNIVERSITY?

[School of Life and Environmental Sciences](#)

[Faculty of Science Engineering & Built Environment](#)

[Benefits of working at Deakin](#)

[LIVE the Future – Deakin University Strategic Plan](#)



Research Fellow, Terrestrial Ecology

[deakin.edu.au/about-deakin/careers-at-deakin](http://deakin.edu.au/about-deakin/careers-at-deakin)



## **ORGANISATIONAL CONTEXT**

The appointee will work with support and direction from the supervisor and other mentors at level C or above, and with an increasing degree of autonomy as the researcher gains greater skills and experience.

## **ORGANISATIONAL RELATIONSHIPS**

The Research Fellow reports to the Head of School through the Research Supervisor.

The Research Fellow will contribute to supervision of honours and post-graduate students.

## **PRINCIPAL ACCOUNTABILITIES**

The Research Fellow is expected to contribute towards the research effort of the University and conduct research independently and / or team research within the field of terrestrial conservation biology. It is important that the Research Fellow will contribute to the profile and research reputation of LES and CIE, by means including public lectures, seminars, contributing to public debate and policy formation on key research issues.

The Research Fellow will carry out activities to develop his or her research expertise relevant to the particular field of research.

- Initiate and conduct research under limited supervision either as a member of a team, or independently (where appropriate), to achieve the objectives of the University, Faculty, School and the CIE.
- Personally and through active participation in teams, prepare and develop grant applications relating to the project(s), and contribute to the preparation, or where appropriate, individual preparation of research proposal submissions to external funding bodies.
- Conduct research and engage in scholarly publication, personally and in research teams and prepare findings/results for oral and written communication, producing or contributing to the production of conference and seminar papers and publications from that research.
- Constructively contribute to a vibrant research team by guiding the research effort of junior colleagues.
- Promote the activities of the University, particularly those relating to research and research training, within academic and professional communities in Australia and internationally where appropriate.

## **DUTIES**

- Undertake experimental design and operation of advanced laboratory/technical/analytical research procedures.
- Remain up to date with current literature and methods relevant to the area of responsibilities.
- Be involved in professional activities, including (subject to availability of funds) attendance at conferences and seminars in the field of expertise.
- Undertake administrative functions related to workshop coordination, grant preparation and the area of research.
- Co-supervise, or where appropriate, supervise, honours or postgraduate research students ensuring successful completions with quality of results.
- Attend meetings associated with the research project(s) and attend other meetings as appropriate, such as Institute / School meetings and / or membership of a limited number of Committees.

## **LEVEL OF SUPERVISION AND INDEPENDENCE**

Research is conducted independently in the context of frequent consultation with other team members and with the responsible research investigators.

## **PROBLEM SOLVING AND JUDGEMENT**

The Research Fellow is expected to exercise judgement on work methods and task sequences within standard practices and procedures and to seek expert advice for work methods that fall outside the standard practices.

Capacity to work independently, to use initiative and to work well within a team setting is expected.

## **OCCUPATIONAL HEALTH AND SAFETY**

The Research Fellow will be responsible for:

- Following safe work procedures and instructions.
- Taking reasonable care for the safety of self and others.
- Seeking guidance for all new or modified work procedures.
- Ensuring that any hazardous conditions, near misses and injuries are reported immediately to a supervisor.
- Participating in meetings, training and other health and safety activities.
- Using equipment in compliance with relevant guidelines, without wilful interference or misuse.
- Must cooperate with the University in relation to actions taken by the University in order to comply with the Occupational Health and Safety and Environmental legislation.

In addition, research only academic staff are responsible for ensuring that an equivalent standard of environment, health and safety is afforded to their students as is afforded to University staff generally. Research only academic staff are deemed to have principal supervisory duty for undergraduate and postgraduate research student activities.