

# LECTURER

DEPARTMENT/UNIT	School of Earth Atmosphere and Environment
FACULTY/DIVISION	Faculty of Science
CLASSIFICATION	Level B
DESIGNATED CAMPUS OR LOCATION	Clayton campus

## ORGANISATIONAL CONTEXT

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At [Monash](#), work feels different. There's a sense of belonging, from contributing to something groundbreaking – a place where great things happen. You know you're part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver ground-breaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the [challenges](#) of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and [diversity](#). When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our [commitment to academic freedom](#), you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an [inclusive workplace culture](#) for our staff regardless of ethnicity or cultural background. We have also worked to improve [gender equality](#) for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – [#Changelt](#) with us.

The five Schools of the **Faculty of Science** offer a large and diverse range of disciplines in undergraduate and postgraduate courses. Ten Schools from other university faculties contribute to science teaching at all levels, allowing students to choose their studies from physical, biological, biomedical, behavioural, environmental, mathematical and computer sciences. The Faculty of Science has a strong research reputation. The Faculty's research spans the theoretical to the applied, contributes to new knowledge and technologies, and challenges how we interact with the world. To learn more about the Faculty of Science, please visit our website:

[www.monash.edu/science](http://www.monash.edu/science).

Through leadership in research and education, the **School of Earth, Atmosphere and Environment** ([www.monash.edu/science/schools/earth-atmosphere-environment](http://www.monash.edu/science/schools/earth-atmosphere-environment)) aims to find solutions for society and our planet. The school is interdisciplinary and hosts very active groups in Geosciences, Physical Geography/Environmental Science, and Atmospheric/Climate Sciences. We address the global challenges identified in the Monash [Impact 2030 Strategic Plan](#) (Climate Change, Geopolitical Security and Thriving Communities), and we answer further fundamental questions about the formation and workings of our planet and solar system. The school is located in the Faculty of Science and has close collaborations with Biology, Chemistry, Mathematics and Physics, and with other Faculties, such as Arts (involving co-delivery of the undergraduate Geography programme), Business and Economics, and Engineering.

Facilities include infrastructure to support fieldwork and world class analytical and experimental geochemistry and geodynamic analogue modelling laboratories. Groups within the school have established collaborations with the National Computational Infrastructure, and the Australian Synchrotron (located adjacent to Monash Clayton). The School has strong links with outside institutions such as Federal and State Government agencies, CSIRO, ANSTO, the Bureau of Meteorology, Australia's climate simulator (ACCESS NRI), the Australian Antarctic Division, AuScope, and Geoscience Australia, as well as a large number of research institutes and universities globally. The School hosts the ARC Centre of Excellence in 21<sup>st</sup> Century Weather and is a major part of Securing Antarctica's Environmental Future (SAEF), an ARC Special Research Initiative in Excellence in Antarctic Science led out of Monash.

Monash and the Faculty of Science values staff diversity and champions inclusive practices. We are committed to equitable decision making and apply the principles of [achievement relative to opportunity](#) in our selection processes.

## POSITION PURPOSE

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A Level B academic is expected to make contributions to the teaching effort of the University and to carry out activities to maintain and develop scholarly, research and/or professional activities relevant to the profession or discipline.

The Lecturer will develop excellence in research and education in any sub-discipline of geoscience, bringing innovative perspectives and new research directions, building on and extending existing strengths within the School. The Lecturer will also establish a programme of high-quality, impactful, and externally funded research and will supervise Honours, Masters and PhD students, as well as postdoctoral researchers. They will contribute to teaching, including field teaching, across undergraduate and Masters programs within the School.

**Reporting Line:** The position reports to Head of School

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable

## KEY RESPONSIBILITIES

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Specific duties required of a Level B academic may include:

1. The preparation and conduct of lectures, seminars, tutorials, practical classes, demonstrations, workshops, and student field excursions which actively engage students and effectively deliver learning outcomes
2. Initiation and development of course material
3. Course coordination
4. Supervision of honours and postgraduate research students

5. The conduct of an independently funded, high-quality research programme including publication of scientific results and impacts
6. Marking and assessment
7. Consultation with students with a student-centred orientation
8. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
9. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
10. Involvement in professional external activities
11. Other duties as directed from time to time

## **KEY SELECTION CRITERIA**

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### **Education/Qualifications**

1. The appointee will have:
  - A doctoral qualification in the relevant discipline of geoscience.

### **Knowledge and Skills**

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team
3. A track record, relative to career opportunity, of high-quality refereed research publications
4. Ability to work positively and cooperatively with students, internal and external teams and external organisations
5. A track record, relative to career opportunity, of geoscience teaching excellence in a tertiary environment both in classroom and field settings
6. Demonstrated ability to inspire, motivate, actively engage and educate a given audience
7. A track record, relative to career opportunity, in curriculum and subject material development
8. Experience promoting and applying equity, diversity, and inclusion principles both for colleagues and students
9. A track record, relative to career opportunity, of acquisition of external research income.

## **OTHER JOB RELATED INFORMATION**

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- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required
- A valid driver's licence is required

## **GOVERNANCE**

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Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.