



LECTURER

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

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The Faculty of Science contributes to the University's goals via research, teaching and partnerships with industry, government and individual supporters. Our five Schools cover 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 research in the Faculty of Science is carried out by world-class researchers. Their work 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.

Through leadership in research and education, the **School of Earth, Atmosphere and Environment** aims to find environmental solutions for society and the planet. The school is located in the Faculty of Science (www.monash.edu/science/schools/earth-atmosphere-environment) 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. The School has strong links with outside institutions such as Federal and State Government agencies, Catchment Management Authorities, CSIRO, the Bureau of Meteorology, the Australian Antarctic Division, and Geoscience Australia as well as a large number of research institutes and universities globally. Physical Geography at Monash has a long history of excellence in the fields of Climate Impacts and Adaptation, Coastal Science, Environmental Geochemistry, Glaciology, Hydrogeology Geomorphology, Soil Science, Urban Climates, GIS, Paleoclimate, and Remote Sensing. The school also hosts very active groups in Atmospheric/Climate Sciences, and Geosciences. The school is a major node of the ARC Centre of Excellence in Climate Extremes (CLEX), and Securing Antarctica's Environmental Future (SAEF), an ARC Special Research Initiative in Excellence in Antarctic Science. Facilities include infrastructure to

support fieldwork, and world class geochemistry laboratories for elemental, stable isotope, and radioisotope analysis of waters, soils and environmental materials, environmental DNA, a preparation laboratory for terrestrial cosmogenic nuclides. The School hosts the Monash Drone Discovery Platform, and groups within the school have established collaborations with the National Computational Infrastructure, and the Australian Synchrotron (located adjacent to Monash Clayton).

POSITION PURPOSE

The Lecturer role requires the ability to develop excellence in teaching and research in the broad subject area of Physical Geography. The Lecturer will bring new ideas and research avenues, building on and extending our existing strengths in Climate Impacts and Adaptation, Coastal Science, Cryospheric Sciences, Environmental Geochemistry, GIS and Remote Sensing, Hydrogeology, and Soil Science.

A Level B academic is expected to carry out activities to maintain and develop scholarly research and/or professional activities relevant to the profession or discipline. The Lecturer teaches into a range of undergraduate units in Physical Geography, and/or the Master of Environment and Sustainability, and/or new Masters offerings, for example in geospatial science.

Reporting Line: The position reports to the Head of School

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budgetary Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level B academic include:

1. The conduct of education programs including: unit coordination, unit development, tutorials, lectures, practical classes, demonstrations, workshops, student field excursions, marking and assessment
2. The conduct of high-quality research including: attainment of competitive and/or industry-based research funding, and the publication and dissemination of research outcomes
3. Supervision of honours, masters and postgraduate students
4. Involvement in professional activity
5. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
6. Attendance at school and/or faculty meetings and/or membership of a number of committees
7. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral-level qualification with demonstrable skills in one of the broad subject areas of Physical Geography

Knowledge and Skills

2. Possess a high level of interpersonal skills and a demonstrated ability to work independently and as part of a team across the research, education and service sectors

3. Evidence of the delivery of high-quality research outputs and potential to establish a highly-regarded reputation for research excellence
4. Evidence of the potential for teaching excellence in a tertiary environment
5. The potential to work collaboratively and synergistically with Physical Geography academics, other academics within the School of Earth Atmosphere and Environment, Geography academics in the School of Social Sciences, and across Monash University
6. Evidence of the potential to supervise graduate and post-graduate research students
7. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB-RELATED INFORMATION

- 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

GOVERNANCE

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.