

# Position description

## Lecturer

<b>Department/Unit</b>	School of Earth, Atmosphere and Environment
<b>Faculty/Division</b>	Faculty of Science
<b>Classification</b>	Level B
<b>Work location</b>	Clayton campus
<b>Date document created or updated</b>	21 February 2017

## Organisational context

Monash is a university of transformation, progress and optimism. Our people are our most valued asset, with our academics among the best in the world and our professional staff revolutionising the way we operate as an organisation. For more information about our University and our exciting future, please visit [www.monash.edu](http://www.monash.edu)

The **Faculty of Science** works through frontiers via our research, teaching and our partnerships with industry, government and individual supporters. Our five Schools 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. In terms of research, our respected researchers are at the top of their game. 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/](http://www.monash.edu/science/)

The **School of Earth, Atmosphere and Environment** is the second youngest of the five Schools in the Faculty, but is built on the foundations of a decades-long tradition in Geoscience, Atmospheric Science and Physical Geography at Monash University. It has close collaborations with other Schools/Departments such as Physics, Mathematics and Biology and other faculties such as Business and Economics, Arts, and Engineering. The School has strong links with outside institutions such as CSIRO, the Bureau of Meteorology, and Geoscience Australia and a large number of research institutes and universities around the world.

The School is highly multidisciplinary with very active groups in Dynamical Meteorology, Climate Dynamics, Cloud Processes, Turbulence and Atmospheric Convection, Biosphere-Atmosphere Interaction, Climate Impacts and Adaptation, Atmospheric Modelling, Urban Climate, Geodynamics, Tectonics and Structural Geology, Environmental Mineralogy, Synchrotron Geoscience and Geochemistry, Hydrogeology and Hydrochemistry, Economic Geology and Petrology, Soil Science, Environmental Earth Science, Applied Geophysics, Geomorphology, GIS and Remote Sensing. The School is actively involved in several research Centres, such as the Australian Research Council's Centre of Excellence for Climate System Science, the Cooperative Research Centre for Water Sensitive Cities and the 3D ALIVE (Applied Laboratory for Immersive Visualisation Environment).

## Position purpose

A Level B academic is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is expected to carry out activities to maintain and develop her/his scholarly, research and/or professional activities relevant to the profession or discipline. The incumbent will be expected to teach into the climatology subjects that contribute to the Climate Science, Environmental Earth Sciences and Geographical Sciences teaching streams of School of Earth, Atmosphere and Environment, and to develop research linkages across the School.

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

**Supervisory responsibilities:** Not applicable

**Financial delegation and/or budget responsibilities:** Not applicable

## Key responsibilities

Specific duties required of a Level B academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops and student field excursions
2. Initiation and development of subject and course material with appropriate advice from and support of more senior staff
3. Acting as unit coordinator
4. The preparation and delivery of lectures and seminars
5. Supervision of the program of study of honours students or of postgraduate students engaged in course work
6. Supervision of major honours or postgraduate research projects
7. The conduct of research
8. Involvement in professional activity
9. Marking, assessment and consultation with students
10. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches
11. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees

## Key selection criteria

### Essential criteria

- A Level B academic shall have qualifications and/or experience recognised by the university as appropriate for the relevant discipline area. In many cases a position at this level will require a doctoral or masters qualification or equivalent accreditation and standing. In determining experience relative to qualifications, regard is had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or contributions to technical achievement
- A research doctorate in climate science, paleoclimatology (Quaternary specialist) or a closely related discipline
- The capacity to develop, co-ordinate and teach innovative and high quality teaching programs in paleoclimatology and climate science at the undergraduate level
- Evidence of a strong research capability in climate science or paleoclimatology and the capacity to continue a successful and independent research program
- The capacity to supervise postgraduate research students

- The potential to attract external funding, including National Competitive Grants
- Excellent written and verbal communication skills necessary to carry out the duties of the position
- The capacity to perform administrative duties independently, thoroughly and efficiently

### **Other job related information**

- Travel (e.g. to other campuses of the University) may be required
- There may be peak periods of work during which the taking of leave may be restricted

### **Legal compliance**

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.