



ASSISTANT LECTURER

DEPARTMENT/UNIT	School of Earth, Atmosphere and Environment
FACULTY/DIVISION	Science
CLASSIFICATION	Level A
WORK 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 **School of Earth, Atmosphere and Environment** is located in the **Faculty of Science** (www.monash.edu/science/) and has close collaborations with other Schools, such as Physics, Chemistry and Biology, and with 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, the Australian Synchrotron, and Geoscience Australia as well as a large number of research institutes and universities globally.

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 Extremes, the Corporate Research Centre for Water Sensitive Cities, and the 3D ALIVE (Applied Laboratory for Immersive Visualisation Environment).

The working environment for the position is the **Atmosphere and Climate group** which is based in the School of Earth, Atmosphere and Environment. The particular strengths of the group can be found at <https://www.monash.edu/science/schools/earth-atmosphere-environment/research>.

POSITION PURPOSE

A Level A academic is expected to make contributions to the teaching effort of the university, and to carry out activities to develop her/his scholarly, research and/or professional expertise relevant to the profession or discipline. This role is part of a research group in the broad area of atmospheric science, with particular research themes focused on boundary layers, climate change, clouds, convection, aerosols, mesoscale meteorology, numerical modelling, tropical meteorology, and bushfires and fire weather.

The successful candidate will be expected to carry out high-quality collaborative research with members of the Atmospheric Science group, and to publish the results in leading international journals. The successful candidate will contribute to teaching of atmospheric science at the undergraduate and graduate level.

Reporting Line: The position reports to Lecturer, School of Earth, Atmosphere & Environment

Supervisory Responsibilities: Not Applicable

Financial Delegation: Not applicable

Budget Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of the Level A academic may include:

1. The preparation and delivery of lectures and seminars and the production of teaching materials in atmospheric science at undergraduate and graduate level
2. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions and/or studio sessions
3. Marking and assessment primarily connected with subjects in which the academic teaches
4. Acting as subject coordinator provided that skills and experience demonstrate this capacity
5. Undertaking of original research in collaboration with other academics in the school that will lead to publications in refereed journals or with high level academic or commercial publishers.
6. Assisting in supervising honours and postgraduate students
7. Limited administrative functions primarily connected with subjects in which the academic teaches

The Level A academic shall work with support and direction from academic staff classified at Level B and above and with an increasing degree of autonomy as the academic gains in skill and experience. The most complex levels of subject coordination will not be carried out by the Level A academic.

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctorate in atmospheric science or a cognate discipline

Knowledge and Skills

2. The ability to develop and deliver high-quality lectures and other teaching materials in atmospheric science at the undergraduate and graduate level
3. Demonstrated ability to conduct high-quality research in atmospheric science using a variety of approaches including modelling, analysis of large datasets, and/or theoretical development
4. Demonstrated analytical and manuscript preparation skills including a track record of authoring refereed research publications
5. Excellent written communication and verbal communication skills with proven ability to produce clear, succinct reports and documents
6. Demonstrated ability to motivate, actively engage and educate a given audience
7. Well-developed planning and organisational skills, with the ability to prioritise multiple tasks and set and meet deadlines
8. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- The position is a fixed-term 3-year appointment. The position can be full time or part time and flexible-working arrangements are possible
- 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

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.