

PhD Scholarships

at Monash University in Melbourne, Australia

21st
Century
Weather

ARC Centre of Excellence



About us

The Monash Atmospheric Science and Climate research group resides in the School of Earth, Atmosphere, and Environment, and tackles problems related to some of humankind's greatest challenges. These challenges include predicting the weather and climate from days to centuries, and understanding the implications of climate change for Australia and the world at large. We are one of the leading university-based research group in Atmospheric Science and Climate Dynamics in Australia. (<https://www.monash.edu/science/schools/earth-atmosphere-environment>)

About you

- ✓ You are an outstanding, highly motivated student of atmospheric science, oceanography, physics, mathematics or engineering
- ✓ with an Australian honours degree (4 years) or an MSc or the equivalent.
- ✓ You have strong interests in atmospheric or climate science,
- ✓ you have very strong computational skills,
- ✓ and you would like to work in an leading international research team.

The Centre of Excellence for 21st Century Weather

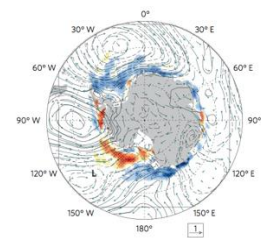
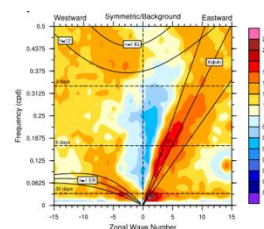
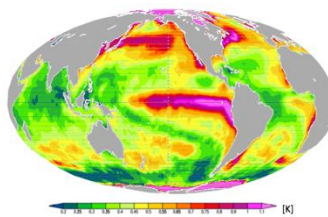
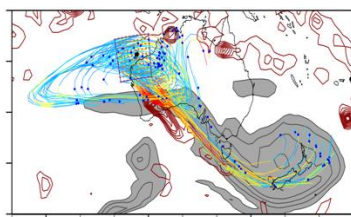
The Centre of Excellence for 21st Century Weather is a major initiative funded by the Australian Research Council. The Centre is an international research consortium of five Australian universities and a group of outstanding national and international Partner Organizations. This is the world's first fully integrated centre dedicated to determining how Australia's weather will change as the global climate warms. We conduct research on process-level understanding that explains how weather systems and weather variability will evolve under a changing climate. (<https://21centuryweather.org.au/>)

About the PhD scholarships

We will offer several PhD scholarships for international candidates on a competitive basis. The scholarships cover fees and assistance with living expenses. Generous travel support for PhD students to visit our international partners exists. Some projects may involve other universities, the CSIRO, the Bureau of Meteorology, or one of our international partners.

Are you interested?

The application **deadline for an expression of interest is 5 March 2025** and the final deadline for a complete application is 31 March. If you are interested in applying, please contact one of the potential supervisors listed below. Please provide a brief CV and copies of your academic results including transcripts.



Large-scale circulation and global modelling

Julie Arblaster

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Antarctic and Southern Ocean Variability and Change

Ariaan Purich

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Climate Dynamics & El Nino

Dietmar Dommenget

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Tropical Atmospheric Dynamics

Martin Singh

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Weather Hazards, Impacts and Resources

Ailie Gallant

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Tropical Oceanography and Climate Dynamics

Shayne McGregor

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