PhD scholarships in Modelling the Marginal Ice Zone

Available in mathematical, numerical and experimental modelling of the marginal ice zone.

The marginal ice zone is the part of the sea ice-covered ocean that is significantly influenced by open ocean processes, in particular by surface gravity waves.

It is an energetic and unique region.

Models are now in high demand for improved climate predictions and operational forecasts.

Possible project topics are:
(i) mathematical modelling of sea ice dynamics;
(ii) experimental modelling of wave interactions with ice floes in a wave basin;
(iii) helping to integrate a marginal ice zone model into a global climate model.

The following scholarships are available:
• a 3-year PhD scholarship of $23,730 per annum; and
• a PhD top-up scholarship of $7000 per annum.

The scholarships are funded by the Australian Research Council and the Australian Antarctic Division.

Further funding is included to present research at domestic and international conferences.

Other postgraduate projects are also possible.

Minimum entry requirements

Proficiency in English language (www.international.adelaide.edu.au/apply/admission)

A degree equivalent to an Australian Honours.

To apply or for further information

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