

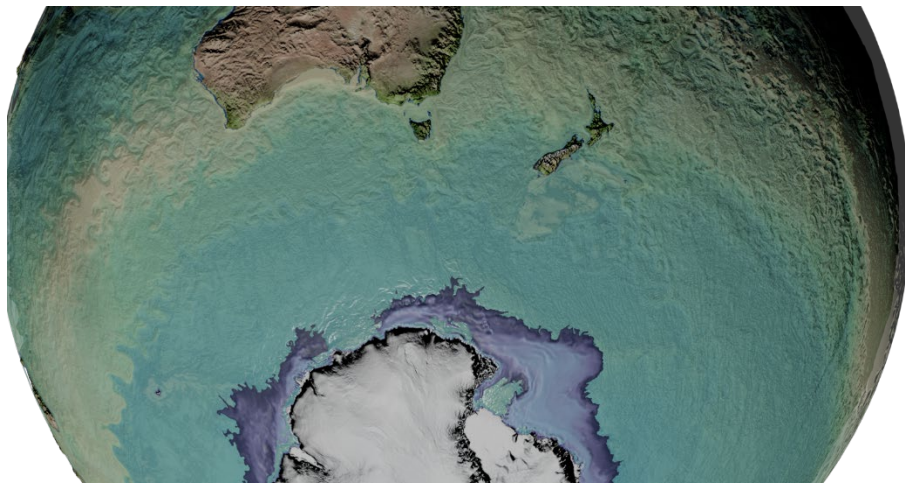
PhD Top-up Scholarships for Ocean and Sea Ice Modelling

Are you interested in understanding ocean physics, and do you have skills in computational/mathematical modelling?

The Consortium for Ocean-Sea Ice Modelling in Australia ([COSIMA](#)) is providing opportunities for PhD students to work at the intersection of high-performance computing and ocean-climate dynamics. Projects are available focusing on a wide range of topics, including:

1. The role of sea ice in the climate system;
2. Modelling biogeochemical cycles in the global ocean;
3. Coupling between surface waves and large-scale currents;
4. Antarctic ice shelves and their interaction with the Southern Ocean; and
5. The sensitivity of ocean dynamics to vertical coordinate systems in ocean models.

These scholarships are valued at \$7,500 per year for 3.5 years. Successful applicants will also need to be successful in receiving a Research Training Program (RTP) scholarship, or equivalent primary scholarship, at a COSIMA partner university (ANU, UNSW, UTas, USyd, UniMelb or U Adelaide).



To Apply, you should submit a package to Ms Alina Bryleva Alina.Bryleva@anu.edu.au including:

- A half-page statement explaining your research interests and your planned work with COSIMA.
- Your CV and academic transcripts.
- Provide amount and source of any existing scholarships, both top-ups and a primary stipend.

These top-up scholarships are intended primarily for new students, however existing students working on one of the COSIMA models will also be considered. Preference will be given to competitive applicants who do not already receive a top-up scholarship from another source.

Enquiries: Please contact Professor Andrew Hogg Andy.Hogg@anu.edu.au

Closing date: 30 November 2021

