



ANZIC MASTERCLASS 2019

SYDNEY 2- 10 December, 2019



ANZIC is pleased to announce its 2019 Masterclass in Sydney, hosted by University of Sydney (USYD) and Macquarie University (MQ), 2-10 December 2019.

DESIGN: This course will introduce students to the exciting world of marine geosciences through a combination of practical workshops, geological fieldwork and marine activities. Based around the Sydney Institute of Marine Science (SIMS) the course will cover the background of the International Ocean Discovery Program (IODP) and marine geoscience - delivered by marine geoscientists from Macquarie University, the University of Sydney, and CSIRO.

PROGRAM: The labs at SIMS and USYD will be used for practical activities, and the students will also visit the MQ labs.

The students will gain practical experience in marine geoscience through boat trips, including obtaining CTD and grab samples from Sydney Harbour, and working on freshly obtained sediment core samples. The students will also experience geological fieldwork in the southern part of the Sydney Basin, where they will examine Permian marine sedimentary rocks deposited under icehouse conditions. Fieldwork will be based at Kioloa Beach Holiday Park, and used for two half-day practical workshops. The students will also visit a core store, examine lateral equivalents of the Permian outcrops in core, and will learn essential core description and logging skills.

There will be opportunities for recreational swimming and snorkeling in Sydney Harbour and Kioloa, and an optional kayaking trip to examine the wilder parts of the foreshore of Sydney Harbour.

ACCOMMODATION: Accommodation in Sydney will be at Glenferrie Lodge, beside Sydney Harbour at Kirribilli, and at Kioloa Beach Holiday Park.

OPEN TO: The Masterclass is open to one excellent student from each Australian and New Zealand IODP member university who is completing 2nd or 3rd year. Students must provide a short written statement to their University leadership (up to 250 words) stating why they would like to participate in the Masterclass. Selection will be based on academic achievement and perceived benefit to a student's course of study.

All travel, accommodation and other reasonable costs will be covered.

Students are invited to apply to their Department's nominated convenor by October 7, 2019.

Contact: _____



**Australian and New Zealand
IODP Consortium**

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