PHD SCHOLARSHIP

The School of Civil Engineering at The University of Queensland (Brisbane, Australia) is offering a PhD scholarship for a motivated student to contribute to research being undertaken within the Structural Research Group. The successful student will be funded through the Australian Research Council (ARC) project, Floating Forest – a breakwater cum windbreaker for protecting Australian coastline. Potential students with an interest in floating structures and hydroelasticity are strongly encouraged to apply. The scholarships will be for three (3) years and valued at $26,682AUD per year. Top-up scholarships and international student fee-waivers are also available to exceptional candidates.

PROJECT INFORMATION

The objective of the Floating Forest project is to develop innovative and optimal structural, materials and foundation solutions for a very large floating forest that will act as a mega breakwater and windbreaker to protect the Australian coastline from increasing strong waves and winds caused by climate change. This requires the evaluation of structural and environmental loads, development of innovative concepts and optimal structural solutions, hydroelastic analysis, design, materials, and foundation. These will drive advances in very large floating structure technology and hydroelasticity.

QUALIFICATIONS

Candidates must hold a relevant undergraduate or Master’s degree in Civil Engineering. Candidates with skills or interest in floating structures, structural modeling, and fluid structure interaction are strongly encouraged to apply.

HOW TO APPLY

Interested candidates should submit their scholarship application on the Application for school-based PhD or MPhil scholarship form, together with your supporting documents on the RHD online application system.

Details on the application for admission and scholarship process can be found at http://www.civil.uq.edu.au/RHD-application-apply.

For further details on the scholarship project, please contact Prof C.M. Wang at cm.wang@uq.edu.au.

Submission due by 15/5/2017