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 Aquatic Systems Research Group. The successful student will be funded through the University of Queensland and Port of Brisbane Pty Ltd Research Partnership. Potential students with an interest in port and environmental engineering are strongly encouraged to apply. The scholarship will be for three (3) years and valued at $26,288AUD per year. Top-up scholarships and international student fee-waivers are also available to exceptional candidates.

PROJECT INFORMATION

Understand the role of coffee rock in the natural environment

The North West Channel lies at the entrance of northern Moreton Bay and represents a future challenge to the transit of shipping as vessels have increasingly deeper drafts. This challenge is primarily due to the widespread distribution of indurated sand (coffee rock) throughout this area which has resisted dredging from trailing suction hopper dredger vessels. This project aims to research the properties of coffee rock including its physical, chemical and biological make-up, map its distribution and investigate how the formations develop.

QUALIFICATIONS

Candidates must hold a relevant undergraduate or Master’s degree in engineering or marine science as well as proven ability to undertake commercial diving activities in challenging environments. Candidates with skills or interest in ecology, coastal sediment dynamics, geotechnical and chemical analysis techniques 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 Dr Alistair Grinham at a.grinham@uq.edu.au.

Submission due by 15/09/2016

www.civil.uq.edu.au