Centre for Offshore Foundation Systems
PhD Scholarship Opportunities in Offshore Geotechnics

THE UNIVERSITY OF WESTERN AUSTRALIA

Australian Government
Australian Research Council

An exciting opportunity exists for academically excellent candidates to join a multi-disciplinary team working on the critical engineering challenges facing the next generation of floating offshore oil and gas projects.

The project involves industry partners Shell, Woodside, Bureau Veritas and Lloyds Register. Each partner organisation is committed to help shape the research directions, drive the technology transfer and assist with the mentorship of the researchers and students.

This Australian Research Council Research Hub for Floating Facilities involves five interlinked projects in the areas of ocean forecasting, riser and mooring longevity, vessel motion and offloading, and novel anchoring and subsea foundations. An opportunity exists for four PhD students to work on the novel anchoring project.

The projects on offer are:

1. Integrated system design for novel subsea anchors and moorings
2. Optimising anchor design to promote diving under extreme loading
3. Whole life modelling of plate anchors: centrifuge, numerical and analytical modelling
4. Whole life modelling of plate anchors: field performance

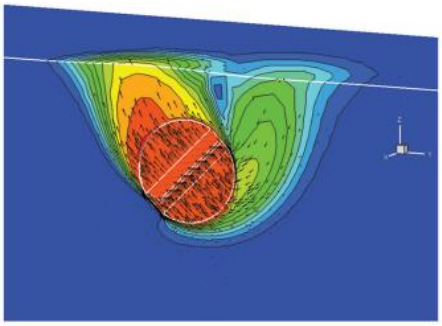
Further details on the projects are available at www.offshorehub.edu.au/get- involved/opportunities/. Prospective students may contact Assoc. Prof. Conleth O'Loughlin, at conleth.oloughlin@uwa.edu.au for additional information.

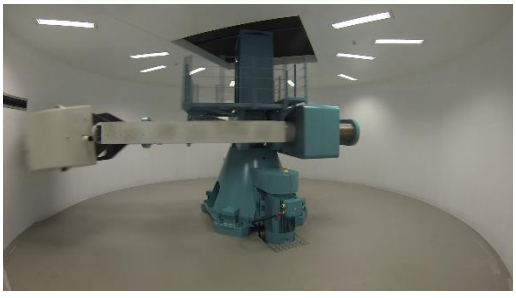
The successful applicants should have a first-class honours in Civil Engineering and experience or interest in offshore geotechnical engineering. An annual tax-free scholarship stipend of AU$35,500 will be provided to the successful students, as well as covering tuition fees (if applicable). Successful candidates are encouraged to also apply for the Research Training Program (RTP) Scholarships.

To submit your interest to do a PhD in one of these projects, please email your information:

- Resume/CV
- full academic transcripts
- details of any published papers
- results of English tests, e.g. IELTS (if applicable)

to the COFS Administrative Officer Monica Mackman at monica.mackman@uwa.edu.au





ARC Research Hub for Offshore Floating Facilities