**Position Available: Project Officer**

**Project Title: Sediment Re-suspension and Seabed Scour Induced by Ship-Propeller Wash**

There is an available position in a new R&D project on the study of sediment re-suspension and seabed scour induced by ship propeller wash at the Nanyang Technological University. The project aims at achieving a quantitative understanding of the effect of propeller jet hydrodynamics on sediment transport and erosion through a detailed experimental study. This will demonstrate at what conditions the propeller wash will cause significant sediment pick-up, re-suspension and seabed scouring.

Applicant should:

- Have a good honours degree in BEng (Civil), BEng (Env) or other relevant Bachelor's or MSc degree from a reputable University
- Have interest in hydraulic, coastal and/or sediment transport
- Have interest to work in the laboratory, and possess a good command of spoken/written English
- Experience in using ADV/LDA/PIV will be an advantage.

This position is for 18-24 months. Starting salary will depend on the candidate's qualification and experience and can be expected to be in the range of S$2,500-3,000 per month.

Suitably qualified applicants are invited to send in their application on prescribed form obtainable from


Completed application forms with detailed resume and sample research publications should be submitted by email to

Professor Chiew Yee Meng at cymchiew@ntu.edu.sg
Or Assoc Prof Cheng Nian Sheng at cnscheng@ntu.edu.sg

The selection process will commence immediately, and applications will be accepted until the position is filled.