

## **Environmental Engineer/Expert in Hydraulic Modelling**

DHI-NTU Water & Environment Research Centre and Education Hub is currently seeking to appoint at least one Environmental Engineer/Expert to work on research projects. The DHI-NTU Centre seeks to provide you with a transparent career path linked to continued development of your professional competencies.

The team focuses research and training activities on Industrial Water Management, Urban Water Management, Solid Waste Management, Environmental Risk Assessment and Decision Support Systems. Within the Environmental Impact Assessment group we need an expert to join and work on projects related to water quality, environmental stressors and rehabilitation of tropical environments. The person must be experienced in modelling (hydraulic and/or ecological modelling), preferably using DHI Software. The team's capabilities cover both software development and consulting within all aspects of water.

### **Responsibilities of Environmental Engineer/Expert:**

- Work on research projects to manage coastal water quality including effects of transport processes
- Review data including published reports and papers as well as monitoring and field survey data
- Conduct field work including diving measurement campaigns
- Prepare relevant data for environmental modelling
- Develop and test methods to mitigate environmental problems
- Work within a team environment to address project and research needs
- Participate in processes concerning the development of research projects and ideas.
- Responsible for working on multiple projects simultaneously as directed by management
- Participate in company meetings concerning projects and education programs
- Document research work and results in reports and scientific papers
- Develop material for and conduct training courses

### **Requirements of Environmental Engineer/Expert:**

- At least a Masters degree but preferably a PhD in environmental engineering or related field (Natural Science)
- Extensive experience ecological assessment studies
- Experienced in field work
- Preferably advanced knowledge of ecological modelling
- Advanced knowledge of Microsoft Office applications
- Above average written and verbal communication skills in English
- Strong time management and organizational skills with the ability to multi-task
- Able to work independently as well as in a team to complete projects on time
- Desire to stay up-to-date on current and emerging technologies
- Provide solutions and exceed expectations of DHI's clients and management
- Responsible for meeting set goals and deadlines as determined by management
- Willing to work after office hours whenever required

### **Pay:**

Attractive remuneration package based on experience and educational qualifications

**If interested, please send your detailed resumé to [hr@dhi.com.sg](mailto:hr@dhi.com.sg), indicating the position in the subject by 15 April 2009.**