

# Senior Coastal Engineer - Waves (Singapore)

DHI is a global and independent company dedicated to working on challenges within the fields of water and environment and sustainability. Within these fields, we provide a wide range of advisory, digital advisory, research and water governance services as well as providing leading edge MIKE technologies and products to the market. At DHI, we are constantly looking for passionate and talented people who are eager to join our team.

By joining DHI, you will not only become part of a dynamic and collaborative global team of experts; you will be empowered to innovate, engage and grow in your area of expertise. DHI is committed to disseminate our knowledge effectively and across our worldwide network of offices.

We are looking for a **Senior Coastal Engineer/Scientist** to support our team in proposal management, project management, technical execution and quality assurance of our growing project portfolio. You will be based in our Singapore office and be responsible for taking leadership of complex and technically challenging projects, mentoring and training staff, meeting Clients and managing Client's expectations. You will have a business leadership responsibility for growing DHI's services and products in relevant territories in the region.

## **The ideal candidate will have:**

- At minimum a Bachelor's or Master's degree in engineering, science or oceanography.
- 10 years' experience in execution of challenging technical coastal/marine projects, such as EIA, feasibility, climate change or metocean studies.
- Strong numerical modelling expertise.
- Experience with using MIKE by DHI software suite will be considered favorably.
- Experience with programming language like Matlab, Python or R will be considered favorably.
- Success in preparation of technical and financial proposals to secure new projects.
- A record of technical conference/journal publications will be advantageous.
- Fluent in written and spoken English with excellent report writing skills.
- Experience with the following assessment will be considered favourably.
- Wind and Wave Analysis: Analyse field and/or hindcast data to assess wind and wave statistics, behaviors and trends.
- Wave Modelling: Develop and apply numerical and/or physical models to study wave dynamics, wave-structure interactions, and coastal processes.
- Overtopping Assessment: Utilize EurOtop or equivalent standards to apply overtopping analyses to determine crest levels for coastal structures and inform design optimizations.

## **We are looking for someone with:**

- Ability to work autonomously, self-motivated and highly technically competent.
- Strong team leadership and mentoring abilities.
- Strong focus on problem solving and client solutions.
- A proven ability to independently interface with existing clients and an ability to attract new clients.
- Ability to apply innovative and sound technical solutions to problems and meet deadlines.
- Excellent networking skills facilitating close collaboration with specialists across the DHI Group.
- Confidence with internal and external communications, both verbal and written.
- Ability to work well in a multi-cultural and multi-office team environment.
- Ability to manage competing work priorities.

## **What we offer:**

- A role where your work and results will get great exposure and focus – both inside the company and externally
- Ability to take a leading role in developing groundbreaking environmental solutions with a global impact
- A social and fun international working environment with innovative and dedicated colleagues

- An attractive and informal work environment – working in small teams but relying on the power of a large organization with more than 1000 staff globally

**Office location**

You will be based in our office at DHI Singapore.

**How to apply**

- Please submit your application including CV via the relevant job posting on DHI's website:  
<http://www.dhigroup.com/careers>
- The deadline for applications is **31st January 2025**. Early applications are encouraged.
- For further information, please contact MengJie Liew at [mgl@dhigroup.com](mailto:mgl@dhigroup.com).