

Coastal Engineer

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.

Responsibilities and challenges

The main responsibilities and challenges in the job are:

- Perform coastal processes modelling and analysis such as hydrodynamics, waves, sediment transport as needed on variety of coastal related projects using MIKE by DHI software (MIKE 21/3 HD, MIKE 21 SW, MIKE 21 MT, MIKE 21 ST).
- The candidate will assist in writing technical reports and presentations.
- The candidate is expected to be a team player and able to learn new skills through in-office training and continuing knowledge transfer among the team members.
- Support the Project Manager/Team Leader in the delivery of the technical aspects of the project.

Qualifications and personal skills

Essential qualifications:

- Bachelor's or Master's Degree in in a relevant civil/coastal engineering discipline.

Knowledge and skills:

- Excellent analytical skills, including familiarity with analytical tool and coastal modelling tools.
- Atleast 2-5 years related experience and good knowledge of coastal hydraulic principles.
- Ability to conceive, organize, articulate, resource and manage complex coastal related projects/proposals, involving multiple partners and consultants.
- Working experience on any of the MIKE by DHI software (MIKE21/3 HD, MIKE 21 SW, MIKE 21 MT, MIKE 21 ST) will be considered favorably.
- Competent in ArcGIS, MapInfo, QGIS.
- Knowledge and experience working on vessel mooring analysis/modelling is an added advantage.
- Experience working in large, complex, international projects is added advantage.
- Programming skills (Python or MATLAB, etc.) is required.
- Superlative written and oral communication skills in both Bahasa Indonesia and English.
- Exceptional interpersonal skills.

We offer

To work at DHI means being part of an organisation that is the global leader in solving the world's toughest challenges in water environment. We will offer you:

- A role where your work and results will get great exposure and focus – both inside the company and externally.
- A dynamic and flexible working environment.
- A great opportunity to utilise, shape and expand your skills and expertise.
- A team of highly specialized and dedicated colleagues
- A job where keywords are timely delivery of the best quality to our clients

Office location

You will be based in our office in Jakarta, Indonesia

Applications

- If you are keen to join our team, please send you CV and cover letter via the relevant job posting on DHI's website: <http://www.dhigroup.com/careers>
- The deadline for applications is **31st January 2025**

- For further information, please contact Riyandi Nuswantoro at mu@dhigroup.com