

Junior Coastal Advisor/Researcher

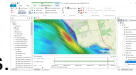
Join our Resilient Ports and Coasts Department in Delft to help develop sustainable solutions for coastal and port challenges—we're seeking a motivated new team member!

What can you expect as junior coastal advisor researcher?

As a coastal advisor/researcher you will contribute to high-end consultancy and R&D projects as part of various project teams. Alongside technical experts from Deltares you will work on diverse projects to eventually become an expert in movement of water, sediment- and morphodynamics. You will also have the opportunity to collaborate with other departments on topics like offshore engineering, renewable energy storm surge barriers, subsurface interactions and nature-based solutions. Your future colleagues [Zeta](#) and [Femke](#) for example, they work on various projects that they find interesting.

Your main responsibilities will include:

- Applying data-driven methods to analyse e.g. morphological changes.
- Using, developing, and validating numerical models (e.g., Delft3D, XBeach, ShorelineS) and applying them to real world problems of our clients.
- Providing input to clients on their resilient coastal and port infrastructure designs.
- Engaging with stakeholders and clients to understand needs and distil the latest trends and innovations.
- Contributing to Joint Industry Projects (JIPs) with industry partners on new technologies and products.



Depending on your affinity, and the project availability, your work includes numerical modelling, remote sensing, complex data analysis, digital twins etc.

We support you in building your professional network and keeping up with the latest technical trends[

Who are you?

- You approach challenges with **curiosity** and look at them not only from a technical perspective, but also from a broader stakeholder context.
- **Programming** is something you like to do. Preferably in Python or otherwise in Matlab;
- Experience with **numerical modelling**, especially sediment transport and morphology is a plus.
- Experience with (big) data and data science is beneficial;
- You recently obtained MSc in Coastal / Hydraulic / Offshore / Dredging / Marine Engineering, Physical Geography, or similar.

Due to the Dutch client base and workload we prefer candidates that are fluent in Dutch and English (both in speech and writing). If you do not speak Dutch, you should be willing to learn (via our Dutch lessons program).

What we offer:

- A year contract with a prospect to permanent employment. Our starting salary is gross €3.864 per month based on 40 per week;
- Every new employee is paired with a mentor. He or she helps you settle into the organization in the first year;
- ABP pension, 34 days of vacation, vitality budget and a mobility budget;
- Excellent training opportunities for personal and professional growth;
- A diverse and inclusive working environment, including over 60 nationalities;
- Here you can find more information about our [attractive terms of employment](#).

Interested?

Are you interested in this job and do you fit the job qualifications? Then apply directly by uploading your CV and cover letter or video. Apply before the deadline. Interviews will be held after the deadline.

If you have any questions about the vacancy you can contact Brian de Bruin (HR Recruitment Officer; sollicitatie@deltares.nl; +31615267686).

All candidates with a relevant profile are welcome to apply. However, as it appears to be difficult to find suitable housing on short notice in the Netherlands, we particularly encourage young professionals who already have a residency in the Netherlands to apply.



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