

Senior Earth Observation Specialist

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. Our goal is to have big impact on solving pressing environmental and societal challenges, <https://dhigroup.com/sustainability>. We are a value-driven workplace and corporate social responsibility is something we take very seriously, both in our business and in the company culture. <https://www.dhigroup.com/careers/working-at-dhi>

DHI's Earth Observation Centre of Excellence

Are you a motivated and skilled Earth Observation Specialist with a passion for making an impact? Do you enjoy blending your deep technical expertise with strategic thinking and business acumen and turning pixels into actionable intelligence and shaping cutting edge EO services? Then here is your chance to join a group of talented, curious, and friendly like-minded colleagues and become a valued member of our team working at DHI's Earth Observation Centre of Excellence! We are looking for a senior specialist to play a key role in our analytics team.

Our work benefits global organizations like the United Nations Environmental Programme (UNEP) and the World Bank, public bodies including municipalities and agencies, and research drivers such as the European Space Agency (ESA) and the European Commission. We have an innovative culture, and solving client tasks based on applied research is our core DNA. We operate on commercial terms but under a profit-for-purpose approach where profit is further invested inside DHI to increase our impact on the world.

As a Senior Earth Observation Specialist

You will join a dedicated and enthusiastic team of Earth Observation specialists solving challenges in both marine and terrestrial environments. Specifically, responsibilities could include:

- Working with our team to design and develop new EO-based products and services
- Use state-of-the art research, methods and technologies to solve challenging problems
- Prototyping and evaluating EO-based solutions
- Integrating satellite observations with hydrologic models
- Working closely with our talented back-end team to scale EO services
- Leading technical aspects of projects, proposals and business development activities

As a primary technical advisor during project scoping, sales engagements, and client consultations you can take a shaping role in projects and see your work quickly make an impact for users and clients for real-world applications.

About you

We are a very diverse group of people. Background, origin, or gender never make a difference to us. We focus on your talent and personality. We expect that you have a strong and proven background in Earth Observation science and applications in industry and/or research.

An ideal candidate will have:

- PhD degree + 3 years of practical working experience with Earth Observation, or MSc. with at least 6 years relevant work experience
- Expert knowledge and practical experience in one or preferably several EO technologies (optical, SAR, hyperspectral)
- Sharp analytical mindset with deep knowledge in topics such as data wrangling, AI/ML, Computer Vision, Foundational Models, time series, etc.
- Excellent Python programming skills (xarray, numpy, pandas, scikit-learn, pyTorch, etc.)
- Working knowledge of cloud computing platforms an advantage, e.g. AWS, Azure, Google Earth Engine, openEO etc.
- Working knowledge of other key Earth Observation technologies including Data Cubes and STAC
- Innovative and curious mindset linking research and innovation to commercial services

- Expert domain knowledge in one or more aspects related to land and/or marine remote sensing
- Experience with project management, business development and client relations an advantage
- Excellent communication skills and proficient in English (our working language). Knowledge of Danish and Spanish/French an advantage

Office location

- Hørsholm, Denmark

How to apply

We would like to get an impression of your talent, personality, and motivation, so you are welcome to keep your application short and anecdotal. Please let us know what you see in this position and what motivates you to seek it.

- To apply for this position, please submit your application including CV via the relevant job posting on DHI's website (<https://www.dhigroup.com/careers>).
- Deadline for application is 17 August 2025