

Water Resources GIS Specialist

Location: Rzeszów / Kraków / Gdynia / Warszawa, Poland

Do you enjoy working with spatial data and turning complex modelling outputs into actionable insights? And would you like to support water and climate resilience projects across Poland and beyond?

About DHI

DHI is a global and independent company dedicated to working on challenges within water, environment and sustainability. We provide advisory services, advanced digital solutions and world-leading MIKE technologies to support decision-making and improve resilience in water environments. By joining DHI, you will become part of a collaborative and international community of experts working on impactful projects that improve the way water is managed worldwide.

About the role

As a **Water Resources GIS Specialist**, you will support advisory and engineering services within water management and flood risk management projects. You will play a key role in transforming spatial data and modelling results into meaningful insights that support decision-making. You will join the **Water Resources Advisory team in Poland**, contributing to projects in flood hazard mapping, risk assessment, and water quality.

Your key responsibilities

GIS & Spatial Analysis

- Perform spatial analyses supporting water resources and flood risk projects
- Prepare GIS inputs for hydraulic models (1D/2D)
- Process model outputs into spatial datasets and develop flood hazard and inundation maps
- Conduct analyses of land use, exposure (population, infrastructure), and spatial risk
- Create high-quality cartographic products
- Support development of automated GIS workflows

Data Management

- Design and maintain spatial databases and data structures
- Process, validate and integrate multi-source datasets
- Support development of centralized data repositories for project teams

Advisory & Project Delivery

- Deliver spatial insights supporting risk assessment and planning
- Translate complex analyses into clear outputs for clients and stakeholders
- Contribute to multidisciplinary projects (hydraulic, environmental, planning)
- Prepare technical documentation, visualisations and proposal materials
- Ensure high-quality delivery aligned with scope, timeline and standards

Who you will work with

- Water Resources teams in Poland and globally
- Internal multidisciplinary experts
- External clients and stakeholders

Your profile

Education

- Bachelor's or Master's degree in GIS, Geoinformatics, Geography, Environmental Engineering or similar

Experience & Skills

- Minimum 3 years of experience in GIS analysis
- Proficiency in GIS tools (ArcGIS or QGIS)
- Experience in spatial data processing and geospatial analysis
- Experience working with modelling outputs is an advantage
- Python knowledge (automation, workflows) is a plus
- Ability to streamline and automate processes

Languages

- English at minimum B2 level
- Polish at minimum B2 level

Personal qualities

- Strong analytical and problem-solving mindset
- Attention to detail and quality focus
- Clear communicator
- Collaborative team player
- Proactive and self-driven
- Curious and eager to learn
- Adaptable

What we offer

- Opportunity to work on impactful water and climate resilience projects
- Collaboration with international experts
- Professional development and continuous learning
- Flexible work environment
- Participation in multidisciplinary and innovative projects

Additional information

- Location: Rzeszów / Kraków / Gdynia / Warszawa
- Travel: Several business trips per year

Interested?

Apply via our recruitment system and join a team dedicated to improving water environments worldwide.