



Job Title: **Water Resources Engineer (Hydraulic or Fluid Dynamic Engineer)**

Located: Hanoi, Vietnam

Position Overview

DSI, LLC is committed to providing our clients with solutions to their water resources, hydrodynamic, sediment transport, and environmental challenges through innovative planning and engineering with the application of state-of-the-art techniques, computer models, and related tools. The engineer will contribute by developing and undertaking projects and providing engineering and hydrodynamic expertise.

Requirements

- Civil or Environmental degree, Master's degree preferable.
- 2+ years experience working on hydrodynamic and/or water resource projects
- 1+ years of working experience using the Environmental Fluid Dynamics Code (EFDC)
- 1+ years combined experience with appropriate modeling tools and GIS software. This may include software/programs such as EFDC+ Explorer, Delft3D, ECOMSED, CH3D, TABS, MIKE11/MIKE21, HEC-6, GSTARS, AGNPS, WASP 7.3, QUAL2E, CE-QUAL-W2, CE-QUAL-RIV, HEC-HMS, TR20, SWMM, ICPR, HSPF, AGNPS, HEC-RAS, FESWMS; GIS and CAD tools such as AutoCAD, ArcGIS, and MapInfo
- In addition, familiarity software tools such as Python and MATLAB is desirable.
- Excellent technical & presentation skills
- English language fluency

Job Specifics

Assist with:

- Managing, planning, and conducting hydrodynamic studies in rivers, streams, lakes, reservoirs, estuary and coastal environments
- Coastal and inland hydrologic and hydraulic data collection and analysis including USACE Sediment flume (Sedflume) and Acoustic Doppler Current Profiler (ADCP) studies, wave, water level and current measurements, shoreline surveys, instrument deployment and discharge measurements
- Sediment transport studies and modeling
- Water management studies
- Flood analysis
- Water quality modeling
- Hydrologic studies and modeling
- Hydraulic studies and modeling
- Comprehensive watershed management plan development
- Statistical analysis and information management
- GIS development
- Computer programming for developing modeling tools and data analysis
- Database design and development

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization. **Send resumes to:** hr@dsi.llc