Environmental Scientist / GIS Specialist

Position Description
River Design Group, Inc. (RDG) is seeking an Environmental Scientist/GIS Specialist to join our Whitefish, Montana office on a seasonal basis (June-October). RDG is an interdisciplinary water resources consulting firm that focuses on analysis, design and implementation of river and wetland restoration projects throughout the Northwest U.S. The Whitefish office also provides traditional land survey and environmental services to a variety of clients, which includes wetland delineations and wetland impact analyses for land development projects.

The environmental scientist is responsible for performing wetland delineations and functional assessments, including field work and reporting tasks. Field work will occur throughout Montana and northern Idaho. Additional responsibilities of the position include providing GIS support for a variety of river and wetland restoration projects and assessments. This seasonal position is from June through October with a minimum of 32 hours per week and the possibility of employment renewal depending on workload. A summer internship timeframe will also be considered for the right candidate.

Qualifications
- Bachelor’s Degree in Environmental Sciences, Ecology, Natural Resources, Earth Sciences, or related field.
- Proficiency in ESRI ArcGIS software, including ArcMap, Spatial Analyst and 3D Analyst Extensions.
- Ability to walk and carry equipment for long distances in the field in varied terrain.

Responsibilities
- Perform wetland delineation and wetland functional assessment field work.
  - Identify and inventory wetland and upland plants, and map invasive weeds.
  - Excavate soil pits, identify soil properties, and distinguish hydric soil indicators.
  - Identify wetland hydrology indicators, and map wetland boundaries using GPS.
- Process and import data from GPS field data collectors to the ESRI ArcGIS platform.
- Create maps of wetland delineation results and analyze LiDAR surfaces and UAS orthophotos to supplement the field delineation of wetlands when necessary.
- Write wetland delineation and functional assessment reports.
- Perform GIS technician duties as needed to support a variety of restoration projects.
  - Perform spatial analysis of watersheds, rivers, and wetlands.
  - Produce maps of project locations, restoration concepts, spatial analysis results.
  - Research, acquire, and geo-reference historical aerial imagery.
  - Delineate watersheds and analyze metrics such as percent forest cover, precipitation, elevation, land use, relief, soils and geology.

This position is a part-time, hourly position with a typical 32 to 40-hour work week. Pay rate is $20 to $24 per hour and will be established based on qualifications and experience.

Please email cover letter and resume to: info@riverdesigngroup.com


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