



Restoration Engineer

RIDOLFI Inc. is seeking to hire a mid-level restoration engineer as part of an interdisciplinary team of scientists and engineers to provide consultation in river and watershed restoration, hazard assessment, flood and erosion protection. This position will work primarily with project managers, biologist and engineers. Restoration engineer will perform lead engineer duties on assigned projects; conduct river and hydraulic engineering design and technical analyses; conduct field investigations and assessments of river, floodplain, stream, and wetland conditions; gather engineering data and related information necessary to scope technical studies.

Primary duties:

- Serve as the project manager, lead engineer or key project team member to design and implement complex habitat restoration projects.
- Oversee and lead the development of engineering plans and specifications.
- Collaborate with multi-disciplinary staff to assess project site conditions, develop concept and detailed designs, oversee construction of projects, and assist in development of monitoring plans appropriate to river, floodplain, wetland, and stream restoration projects.
- Lead the development of engineering analyses, computer modeling, supporting engineering calculations, and engineering products for river and floodplain habitat restoration projects.

Qualifications:

- Bachelor of Science in civil engineering, environmental engineering, water resources, or closely related field and at least 5 years of increasingly responsible program and project management work.
- Minimum 3 years of open channel hydraulic engineering, river mechanics, and/or floodplain management project design and construction management experience.
- Licensed Washington State professional civil engineer or ability to obtain license via reciprocity.
- Experience in fluvial systems, hydrology, hydraulics, structure design, and preparation of plans, specifications, and cost estimates.
- Experience with Autodesk Civil 3D and Autodesk Land Development Desktop.
- Experience developing, applying, and using contemporary hydrologic and hydraulic computer modeling applications, including HEC-RAS, HEC-FFA and HEC-GEORAS.