

Position Announcement

Job Title: GIS Analyst/ Watershed Planner

The International Water Institute (IWI) facilitates research, public education, training, and information dissemination related to flood damage reduction and water resource protection and enhancement in the Red River of the North Basin. The IWI creates and supports science-based solutions to effectively and efficiently solve real water and natural resource problems.

Job Location: Fargo, ND

Position Summary: The GIS Analyst /Watershed Planner position is responsible for performing diverse professional GIS duties and leading and supporting local efforts to develop water quality strategies. Activities will include developing geospatial solutions for water quality applications, assisting with a LiDAR data acquisition and processing, creating new ArcGIS Web App Builder web applications, and working with local units of government to define local water quality strategies,.

Required Qualifications and Experience

- Bachelor's Degree in GIS, Geography, Environmental Science, or a related field
- Excellency in using ArcPro, ArcDesktop, ArcGIS online
- 3+ years previous job experience in developing geospatial solutions
- Ability to develop new concepts and custom geospatial solutions
- Basic coding skills for desktop GIS development in ArcGIS such as scripting, add-in and extensions (C#, Python, ArcPy)
- Ability to think critically and problem solve independently
- Basic understanding of water quality concepts
- Ability to lead project teams and work in a team environment

Desired Qualifications

- Experience prototyping, authoring, and publishing spatial data services using WebAppBuilder and ESRI ArcGIS Server
- Experience of installing, configuring, maintaining, and administering ESRI ArcGIS Server software
- Basic understanding and/or experience with developing water quality improvement strategies.
- Master's degree in GIS or a related field

Requirements

- Eligible to work in the U.S.
- Valid driver's license

Salary Range:

- Negotiable / Depending on Experience

Application Process

- Email resume and cover letter to Grit May at grit@iwinst.org