

Position Announcement

Job Title: GIS Analyst

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 a water management culture that implements science-based water and natural resource projects that solve real problems effectively and efficiently.

Job Location: Fargo, ND

Position Summary: The GIS Analyst position is responsible for performing diverse professional GIS duties including developing geospatial solutions for water quality applications inside our Agricultural Stewardship Initiative and the *Prioritize Target Measure Application*, assisting with a LiDAR data acquisition, processing, and dissemination project, creating new ArcGIS Web App Builder web applications, and applying high-resolution topographic data for flood and hydrologic modeling.

Required Qualifications and Experience

- Bachelor's Degree in GIS, Geography, Environmental Science, or a related field
- Excellency in using ArcPro, ArcDesktop, ArcGIS online
- 2+ years previous job experience in developing geospatial solutions
- Coding skills for desktop GIS development in ArcGIS such as scripting, add-in and extensions (C#, Python, ArcPy)
- Proficiency in browser-based web application
- Ability to develop new concepts and custom geospatial solutions
- Ability to think critically and problem solve

Desired Qualifications

- Experience of installing, configuring, maintaining, and administering ESRI ArcGIS Server software
- Experience prototyping, authoring, and publishing spatial data services using ESRI ArcGIS Server
- Experience with water resources and environmental related projects
- Master's degree in GIS or a related field

Requirements

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

Application Process

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

Job Title: Communication Coordinator

Job Location: Fargo, ND

Job Summary: The Communications Coordinator will be responsible for the development and implementation of the IWI communication/outreach plan, designing and editing project-related marketing and outreach materials, and providing project-related leadership in a manner consistent with the International Water Institute mission. The Communications Coordinator works with a wide range of different organizations including educational institutions, small businesses, corporations, farm organizations, and individual farmers.

Reporting: The Communication Coordinator will report to the CEO, and Project Leads as assigned by the CEO.

Working Relationships:

- Staff
- Project Partners and Team members

Key Responsibilities:

- Develop and implement the IWI communication/outreach plan.
- Maintain and update International Water Institute Website content.
- Coordinate the International Water Institute Social Media Presence – Blog, Facebook, press releases, and Instagram.
- Develop, edit, and distribute quarterly newsletter.
- Develop project-related media content and outreach materials.
- Respond to media requests and represent IWI at relevant outreach events, including community gatherings, conferences, and trainings as needed.
- Plan press conferences and other media events promoting IWI projects and programs.
- Support other IWI project and programs as needed.

Desired Qualifications:

- Related Bachelor's Degree (e.g. Communication, Journalism, Management Communication, Strategic Communication, etc.) or equivalent experience, Master's degree preferred.
- Excellent verbal/public speaking, written, and interpersonal communication skills.
- Knowledge of communication and marketing strategies.
- Experience in web/newsletter design and maintenance.
- Basic understanding of hydrology and watershed science concepts.
- Ability to work independently and collaboratively with internal team members and external stakeholders.