

# Geographic Information Systems (GIS) Technician

**Description:** Watershed Consulting is seeking a GIS Technician to join our team of talented professionals specializing in stormwater management planning and design, water quality investigations, and geospatial mapping and analysis. Our team consists of hydrologists, water quality scientists, engineers, and GIS professionals that provide our federal, state, municipal, nonprofit, and private sector clients with a collaborative and innovative approach to solving water quality issues. The GIS Technician will support geospatial mapping and analysis and data management tasks related to water quality planning, monitoring, modeling, analysis, design, and permitting.

## Responsibilities:

- Creation, maintenance, and integration of spatial data into GIS databases
- GIS spatial analysis and data query
- Production of mapping products
- Writing of technical memorandums and reports
- Field work including GPS survey, UAS operations, and other data collection as needed

## Preferred Skills and Competencies:

- Intermediate proficiency in ArcPro (including digitizing vectors, running geoprocessing tools, working with geodatabases, developing toolboxes, and creating map layouts) and strong cartography skills
- Experience with ArcGIS Online, including ESRI StoryMaps and web apps
- Experience with UAS operations, Part 107 certification (or desire to pursue certification), and experience processing UAS data
- Experience in field data collection, particularly GPS, and importing data to GIS applications
- Experience with cartography and map layout creation
- Understanding of general concepts related to hydrology, soils, water quality, water resources planning, and environmental statistics
- Desire and ability to work outdoors in a range of weather conditions and in varied terrain
- Excellent attention to detail and organizational skills
- Excellent critical thinking, analytical, and technical writing skills
- Excellent interpersonal skills and desire to work in a collaborative team environment

**Education and Experience:** Bachelor's degree in Geographic Information Systems, Environmental Science, or related Geosciences field. 1+ years professional experience within a water resources field preferred.

**Benefits & Compensation:** Watershed Consulting offers a competitive salary based on qualifications and experience, a comprehensive benefits package, as well as opportunities for professional development. Salary range \$60,000 – \$75,000 commensurate with education, qualifications, and experience.

**To apply:** Please submit a statement of interest, resume, and 3 examples of your cartographic skills to [info@watershedca.com](mailto:info@watershedca.com).

*Watershed Consulting is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status, age, or any other federally protected class.*