

GIS Manager

The GIS Manager oversees all GIS services for Ironwood and their clients and is accountable for the quality and efficiency of GIS products and data. This role supports our environmental consulting services team by designing, developing, and implementing systems and databases to access and store geospatial data for a variety of environmental management and planning projects. The GIS manager is responsible for maintaining Ironwood's GIS assets and producing high-quality map figures for reports and client deliverables using a variety of data types and sources.

Essential Duties and Responsibilities:

- Organize, manage, and design geospatial and environmental datasets/databases to allow shared access across all GIS users within the organization.
- Oversee and update, as necessary, GIS license management for the organization.
- Establish company GIS standards for all GIS users within the organization.
- Format and generate a variety of GIS products including standard and custom maps and map series, standard map templates, graphics, tables, and reports; use cartographic and design principles to include legends, insets, and reference information; design figures that meet regulatory compliance including Section 508 of the Americans with Disabilities Act.
- Coordinate with the technical editor and project managers to determine the most appropriate method of preparing work products.
- Coordinate and delegate GIS production goals with other GIS users within the organization.
- Steer the transition from ArcMap (desktop) to ArcGIS Pro for other GIS users within the organization.
- Perform spatial analyses such as buffering, spatial overlays and distance/area calculations.
- Organize and track project data, analysis, and mapping.
- Develop, publish, and maintain ArcGIS Online (or similar) web-based datasets, map services and applications for users within and outside the organization (e.g., clients).
- Coordinate with existing outside contractors to manage, maintain, and improve our mobile data collection workflow (e.g., iForms, ESRI Survey 123, ESRI FieldMaps).
- Author and edit geoprocessing scripts and tools with python and model-builder as necessary.
- As necessary, develop GIS database domains and schemas that adhere to client, agency, and other stakeholder protocols.
- Research new GIS technology and implement appropriate technologies per industry best standards.
- Utilize emerging GIS/CAD technologies and their application to improve efficiencies.

Essential Supervisory Duties:

- Oversee all GIS staff ensuring they meet all service level objectives.
- Coordinate and manage the activities of the GIS staff.
- Mentor staff and identify training opportunities to maximize performance.

Required Qualifications:

- Bachelor's degree in geography, natural sciences, GIS, computer science or related field, or equivalent experience (see below).
- Minimum of 7 years of experience including geospatial technology, data visualization.
- In depth knowledge of ESRI ArcGIS desktop and/or ArcGIS Pro.
- Experience using ArcGIS Online, ArcGIS Portal, and ESRI FieldMaps.
- Familiar with GPS data collection and data management.
- Ability to develop report figure maps and data visualization graphics that communicate spatial information effectively.
- GISP Certification.

Ironwood believes that diversity in our teams enables diversity in perspective and approach to solving problems, both big and small. Ironwood is committed to building a diverse, equitable, and inclusive workforce so we can solve the problems faced in protecting the diversity in our wildlife. We encourage applicants of all races, ethnicities, religions, gender, gender identity, sexual orientation, age, veteran status, physical and mental ability to consider a position at Ironwood.

Job Type:

- Full-time

Pay:

- \$85,000.00 - \$125,000.00 per year

Benefits:

- 401(k)
- Dental insurance
- Health insurance
- Life insurance
- Paid time off
- Professional development assistance
- Vision insurance

Schedule:

- Weekend availability

COVID-19 considerations:

As a federal contractor, all Ironwood employees must be fully vaccinated against COVID-19.

Work Location:

- Remote