



# INVENTORY AND GEOSPATIAL SOLUTIONS

Your location of interest - relative to the resources around it - matters. We will provide you with maps and tools to help assess and visualize the context of your land, and share its spatial story with your stakeholders.

Whether you are in need of a professional map and spatial analysis or have a unique opportunity to engage others in the story of your land, we will create a solution.

Our team excels at spatial resource analysis for a growing list of public and private clients. We are an Esri Silver Business Partner, adept in a variety of geospatial technologies.

Beyond desktop GIS, we offer our clients and partners a suite of interactive map solutions, uniquely configured to each project's goals.

Clients leveraging our geospatial solutions represent:

- federal, state and local government
- forest products companies
- real estate, appraisal, and utilities
- timber investment organizations
- forest and carbon markets
- conservation organizations
- tribal and local communities



Federal Small Business Specialty



ArcGIS System Ready Specialty



## SERVICES

### SUSTAINABLE PRODUCT SOURCING

We specialize in identifying resource locations and studying the surrounding natural resource characteristics and markets. Resource studies are fully customized for each client's project needs. We can estimate natural resource availability, consider constraints, and incorporate shipping, processing, and finishing to track a given product throughout its chain-of-custody from harvest to end user.

### TOURISM, TRAIL, AND EVENT MAPPING

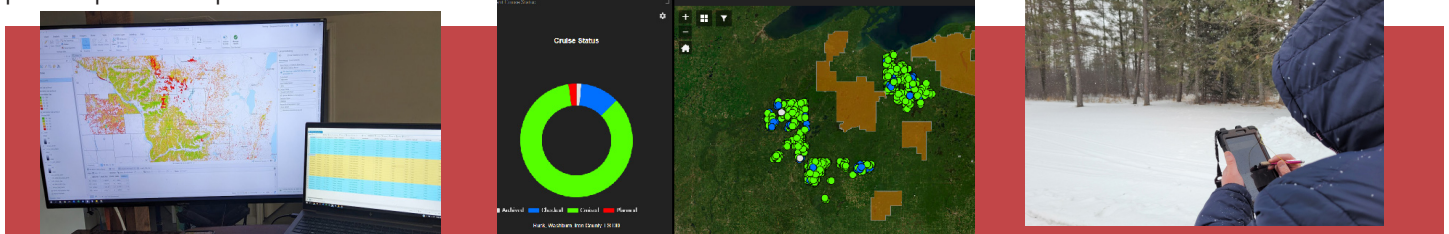
Equipping visitors and recreationists with engaging maps and mobile applications brings the history, culture, and stories of place to life. We create location-based dynamic tools that update in real time as events happen and participants explore.

### SITE SUITABILITY AND SELECTION

Decision-support with GIS helps clients choose the best locations for siting new activities and identify areas to avoid. Our team models suitability for optimal solar site selection and feasibility for wetland mitigation banking. We also conduct habitat suitability and vulnerability assessments.

### TIMBERLAND AND ASSET MANAGEMENT

Our team specializes in managing timberland and real estate spatial data. We understand the needs of timberland owners and create custom GIS and database solutions to effectively manage assets and guide management decisions.



## COMMUNITY AND TRIBAL GIS SERVICES

Let us wrangle your spatial data and administer your GIS organization. We regularly manage complex and changing spatial data. Our team provides rigorously accurate maps linked to databases and field apps with needed resource layers. We create workflows, mapping tools and databases to provide clients with highly detailed property information for clear decision-making and asset management.

## INTERACTIVE DATA VISUALIZATION

With user-friendly web experiences our clients can interact with and analyze their resources in context. Our design and configuration of maps and apps using Experience Builder, StoryMaps, and other ArcGIS Online technology often link together data visualization with dashboards, interactive queries and analysis tools, and imagery in a cohesive storyline of the place or product.

## REMOTE SENSING & CHANGE DETECTION

When working in the field is not an option, we apply our expertise in remote sensing, change detection, UAV operations, and image analysis to monitor, evaluate, and project landscape change. and asset management.

## MOBILE FIELD APPLICATIONS

As an early adopter of mobile field apps for forest operations, we have years of experience configuring and deploying mobile apps. The design of these applications greatly assists our crews and clients in navigating rough terrain and completing challenging projects on time. Each project comes with its own set of unique challenges that our geospatial team is ready to configure a solution for. We continually explore ways to improve efficiency and combat unique project challenges with a variety of mobile tools, including FieldMaps, Survey123, and MobileMap™.

## INVENTORY AND GEOSPATIAL SOLUTIONS TEAM



**Kate Handberg**  
Inventory and Geospatial  
Solutions Operations  
Manager



**Evan Roubal**  
Inventory Forester



**Fleming Talton**  
Forest Analyst



**Carli Uher**  
Inventory Forester

**STEIGERWALDT LAND SERVICES, INC.**  
856 North 4th Street Tomahawk, WI 54487

715-453-3274