Forest Data and GIS Analyst

General position summary:

The Forest Data and GIS Analyst position is part of MB&G's Technical Services Group, a group of professionals with experience in forest inventory design, growth and yield modeling, harvest scheduling, forest policy, GIS, and programming. In this position you will analyze forest inventory, GIS, and timber market data to support projects answering topical forest management questions relating to forest policy, forest management, carbon, and wildfire. You will also support MB&G's management of forest inventory data. This position requires and understanding of data management and data analysis tools. Experience with current trends in forest management policy issues, carbon analysis, and/or wildfire management or impacts is advantageous, but not required.

Technical aspects of the position include support of MB&Gs efforts to manage inventory data, conduct inventory and biometrics analysis, conduct spatial analysis, conduct periodic spatial updates, conduct growth and yield modeling, and perform other tasks related to forest inventory and planning efforts.

Essential Functions/Major Responsibilities:

- Lead or assist with analyses of forest inventory, GIS, or timber market data.
- Performs complex GIS analysis with raster and vector data.
- Prepares summary tables, figures, graphics, and maps for project reporting.
- Leads the construction, maintenance, analysis, modeling, and visualization of GIS databases.
- Assists with periodic updates of tabular and spatial forest inventory data.
- Assists and leads generation of growth and yield projections.
- Functions as Project Manager on projects with budgets <$100,000 and may assist with project management on larger projects.
- Provides analytical support to other MB&G projects as assigned. This work often takes the form of data exploration and statistical analysis.
- Assists in project proposal development.
- Manages time to meet objectives of multiple concurrent projects.
- Operates independently under minimal supervision.
- Supports MB&G's efforts to develop new clients and to expand services to existing clients.
- Assists with development of client relationships, participate in business development functions.
- Actively promotes MB&G as a premier provider of natural resource consulting services.

About you

We are looking for talented individuals who want to learn. We are looking for individuals who ask questions about what and why the data looks a certain way. We want individuals who want to test new approaches to solve problems. We need people who represent MB&G's core values of Integrity, Quality, Expertise, and Client Service.

You should possess the following skills, experience, and background:

- BS in forest management, environmental sciences, or similar natural resource related field, an MS is preferred.
- >5 years' experience in forestland data management and analysis
- Intermediate knowledge of SQL, R, and/or Python.
- Intermediate understanding of statistical methods/procedures, such as regression analysis and inventory design.
- Experience with MS Access.
- Excellent written and oral communication skills.
- Experience with remote sensing data is desirable
- Experience with Remsoft Woodstock is desirable
- Proven ability to multi-task and meet multiple deadlines.
- Strong attention to detail.
- Excellent time management skills.
- Responsive and client service oriented

Interpersonal Contacts:

- Contacts are within the company, business contacts and with our clients.

About Us

Mason, Bruce & Girard, Inc. is a full-service natural resource consulting firm, with expertise in environmental services, forestry, and geographic information systems (GIS). A set of core values guide our work, focusing our efforts on providing responsible, sustainable solutions that meet client needs.

Our areas of expertise include forestry, wildlife, fisheries, wetlands, water quality, and GIS. Our work is characterized by the highest level of client service, the application of the best science and technology, quality processes and results, integrity, and our respect for the natural environment. We provide natural resource consulting services to both industry and government and have done so since 1921.

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Mason, Bruce & Girard is an equal opportunity, affirmative action employer, and we do not discriminate against employees or job applicants on the basis of race, color, national origin, age, religion, gender, gender identity, disability, sexual orientation, veteran status, or any other status or consideration protected by local, state and federal laws, except where a bona fide occupational qualification applies. Equal opportunity applies to hiring, promotion, training, compensation, and any other organizational action. MB&G's written Affirmative Action Plan is available to all employees and job applicants upon request.

If you are an individual with a disability and require a reasonable accommodation to complete any part of the application process, or are limited in the ability or unable to access or use this online application process and need an alternative method for applying, you may contact +1-503-224-3445 for assistance.

MB&G is proud to be an equal opportunity employer.

MASON, BRUCE & GIRARD
Natural Resource Consultants