

# Fritz Boettner

Principal  
Land Program



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## Profile

Mr. Boettner has over fifteen years of professional experience in a wide array of environmental and planning activities. He has developed, managed, and delivered on complex projects by organizing resources, outlining project scopes, and developing and working within project budgets. He has extensive experience conducting and managing feasibility studies across a variety of fields. He offers clients expertise in applying GIS technology to projects relating to planning, water resources, agricultural, and environmental science and completes projects at the local, regional, and national levels. He also has experience performing complex spatial analysis to assist with natural resource management, as well as providing GIS tools and support.

## Skills and Experience

Project manager leading a team of consultants to develop a revitalization plan for the town of Grantsville, Maryland. Plan includes a redesign to their streetscape, feasibility analysis of relocating utilities underground, visioning design concepts for vacant lots in town, and proposing various funding sources to implement recommendations. Coordinating with the town and its core stakeholder group in order to blend historical preservation with economic development.

Significant experience assessing local food systems; by examining capacity, policy, production and consumption, creating business plans, and developing models for successful rural business enterprises.

Project Coordinator of a US EPA Brownfield grant for the City of Thomas, West Virginia. This project includes a dozen Phase I environmental site assessments and up to four Phase II environmental assessments. Leading stakeholders through a process to identify sites that focus on economic reuse targeted for redevelopment, such as Thomas's Historic Commercial Downtown and Riverfront Property.

Project developer and coordinator to create a spatially explicit data analysis and modeling system that will conduct fish habitat condition assessments across the Midwest and Great Plains, based on a range of habitat condition metrics.

Project manager for project examining the feasibility of replicating the KISRA urban farm in Huntington, Parkersburg, and Beckley, and Market Assessment for the Kanawha Valley, of West Virginia.

Significant experience as a GIS coordinator for alternative analysis studies, which include a wide array of impact analyses, modeling, and multiple criteria decision making (MCDM). Coordinating and working with multiple resource specialists, sub-consultants and government officials.

Served as GIS project manager lead for large-scale environmental impact statements and environmental assessments. Provided resource specialists with analyzed data and helped create an online public comment database that serves as the public participation piece of the overall study.

Project manager and lead investigator for watershed-based plans and studies throughout West Virginia.

Performed GIS analysis and provided expert testimony regarding the extent of surface mining impacts to streams in the eastern coal fields of Kentucky.

Served as GIS technical lead for developing a GIS-based routing and siting analysis model for electric transmission line construction corridor for a wind farm.

## Education

M.S., Environmental Management, West Virginia University, 2002. Emphasis in environmental management, law, and policy; considerable coursework, research, and utilization of GIS.

B.S., Parks and Recreation, Natural Resource Management, West Virginia University, 1998.