



## Profile

Mr. Boettner has over fifteen years of professional experience in a wide array of environmental and planning activities. Mr. Boettner's experience with large project teams, complex decision-making, and providing an inclusive style of managing will benefit this project. Mr. Boettner has led the development of the Land Program at Downstream Strategies, having pivotal roles in all of the economic development and planning projects for the past 5 years. Mr. Boettner offers an in-depth and rural understanding of priorities, a history of contributing to the development of local communities, planning and technical expertise necessary to assess feasibility of implementation strategies, and the experience necessary to develop forward-thinking yet practical plans.

## Skills and Experience

Project Manager leading a team of consultants to plan and design an aquaponics facility in Kermit, West Virginia. The project "Aquaponics on Abandoned Mine Lands: Fish, Vegetables, and Renewable Energy Facility" will produce fish, vegetables, and renewable energy, as well as create permanent jobs and training for coal communities. The Mingo County Redevelopment Authority, in partnership with Refresh Appalachia and the Coalfield Development Corporation, developed this innovative economic development project, which is being funded through the federal 2016 AML Pilot Program.

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.

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.

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.