



GIS Internship for the South Mountain Conservation Landscape Initiative

Job Description:

This position works with the South Mountain Conservation Landscape Initiative (CLI), a partnership of public and non-profit organizations interested in sustaining the region's valued resources and communities. The CLI focuses on conservation, agriculture, economic development and tourism, cultural resources, and the ecology of the region of South Mountain.

This intern will create for the partners a consistent mapping resource that can act as the repository for all four counties included in the CLI. From this repository the intern will help in graphically defining areas important to South Mountain. The intern may do complex data analysis and develop many formats of graphic presentation. The end product of the internship may be a map atlas and analysis maps as decision making tools for use by the partnership.

Salary & Hours: This is a paid internship starting May through August. Hours are flexible, typically 20-30 per week.

Location: Boiling Springs, Pennsylvania

Employer: The Appalachian Trail Conservancy

The Appalachian Trail Conservancy is one of the leads of the South Mountain CLI. It is dedicated to the preservation and management of the natural, scenic, historic, and cultural resources associated with the Appalachian National Scenic Trail in order to provide primitive outdoor-recreation and educational opportunities for Trail visitors.

Activities of Internship: (by percent of time)

- 60% Gather and manage data for the whole of South Mountain and create a catalogued system of data
- 15% Work in Community VIZ or Arc View 9.3 to develop communication graphics, analysis, and impact reports
- 15% Create analysis maps of GIS data
- 10% Attend meetings and help facilitate mapping activities

Preferred Skills:

- Strong knowledge of GIS and some knowledge or willingness to learn Community VIZ
- Strong graphic skills and ability to make professional looking presentations
- Ability or knowledge of weighted analysis in GIS
- Excellent organizational skills and attention to detail
- Ability to do unsupervised research
- Communicates well and is able to contact and develop relationships in pursuit of data collection.
- Some knowledge of "green infrastructure planning"

Contact:

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Please e-mail resumes to kwilliams@appalachiantrail.org

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A volunteer-based nonprofit organization responsible for the conservation and protection of the Appalachian Trail since 1925