



# GIS Internship(s)

The **Waukesha County Land Conservancy (WCLC)** is celebrating 25 years of preserving and managing environmentally significant lands in Waukesha County. Since its origin in 1992, WCLC has preserved nearly 2,900 acres.

The GIS Intern(s) will assist the GIS Manager and Conservation Manager in producing maps of the land trust's protected property and properties within its Focus Areas. Interns should have a background in the natural sciences and Geographic Information Systems (GIS). Some expectations of this position include strong interpersonal and communication skills, as well as establishing a standard and procedures for electronically storing maps and shape files for future updates. The internship is unpaid and preferred for credit.

## **RESPONSIBILITIES:**

- Work with the Conservation Manager to create a project charter and timeline and update list of maps to produce.
- Create some or all of the following project deliverables: Protected Property Map, Maps for each Protected Property (e.g. Topographical, Soil, Habitat...), Focus Area Maps with SEWRPC Natural Areas & Critical Species Habitat & Targeted Property Maps.
- Perform GIS analysis of properties to assist with research and determine conservation values based on mission objectives such as water quality, habitat and biodiversity, proximity to conserved lands, threat of development, cultural resources, scenic vistas, etc.
- Understand WCLC's Project Selection Criteria and Focus Areas.
- Gather and review existing maps, various resources (e.g. Waukesha County Comprehensive Plan, SEWRPC Natural Area Plan, Knowles-Nelson Stewardship Grant Maps) and Land Trust Alliance (LTA) practices and resources.
- Understand relevant LTA Standards & Practices and identify better practices by researching examples from other Land Trusts located on the LTA Website.
- Review project with GIS Manager, Conservation Manager, or Executive Director biweekly in person or via net meeting.
- Commit 8-20 hrs/week with at least 4 hrs in the WCLC office in Waukesha, WI.

## **SKILLS, KNOWLEDGE AND PERSONAL TRAITS:**

- Pursuing a Bachelor's or master's degree with a focus in geography, GIS, or environmental sciences.
- Working knowledge with GIS and other technology systems (Word, Access, Dropbox, etc.).
- Able to meet deadlines and timely execute tasks.
- Understanding of environment, land conservation, and natural resources.
- Self-starter; disciplined and motivated to further the mission of WCLC.
- Attention to detail, responsive and courteous communicator with strong interpersonal, verbal and writing skills.
- A team player; considerate and respectful of others.

## **TO APPLY:**

Email Conservation Manager at [mwersel.wclc@gmail.com](mailto:mwersel.wclc@gmail.com) stating background and interest. Be sure to attach a resume with relevant information.