



MSU EXTENSION COMMUNITY, FOOD, AND ENVIRONMENT INSTITUTE

Position Information

Position Title

Information Technologist I

Salary

\$50,481

Benefits

Comprehensive benefits package:
<https://www.hr.msu.edu/benefits/index.html>

Location

Lansing, MI

To Apply

Current MSU Employees:

Access the EBS portal. Under the My Career and Training section, select the Careers @ MSU tile to view Internal Job Postings.

External Applicants:

Visit <http://careers.msu.edu>

Posting Number:

762182

Application Deadline:

3/10/2022

Contact for Questions

Msue.hr@msu.edu

Geographic Systems Analyst

Position Overview

As part of MSU Extension (MSUE), the Community, Food and Environment Institute (CFEI), and the Michigan Natural Features Inventory (MNFI), this position will work closely with the Geographic Information System (GIS)/Information Technology team to facilitate biodiversity related modeling and management of spatial data that supports research projects. This position will have statewide responsibilities and will be housed at the MNFI office in Lansing, Michigan.

MNFI maintains the statewide Natural Heritage database system documenting the occurrences and status of rare species and exemplary natural communities. The database in collaboration with biodiversity focused research is required by partner agencies who perform legally mandated regulatory functions. MNFI's work allows them to complete tasks, perform these regulatory functions, produce products, and meet deadlines. Spatial modeling, complex datasets, and GIS tools are pivotal to maintaining MNFI's reputation and client base. MNFI research is used by federal, state, and local agencies and private organizations to guide land management, development, and conservation decisions. GIS analysis and the underlying heritage database are the foundation to providing information to decision makers and achieving MNFI's mission.

MNFI utilizes the Biotics 5 platform. In this role, you will be responsible for complex biodiversity focused modeling projects ranging from individual species modeling to ecosystem and landscape-based decision support tools. Knowledge on spatial data sets, data sources, enterprise GIS data management and current GIS technology are critical. That includes the use of Biotics 5, along with knowledge of Esri GIS products. These platforms are used to conduct field research, ensure data quality, design specialized database queries, develop GIS modeling projects, update and map data, interface with staff and partner agencies, and respond to requests for information. You may also perform field research, website maintenance or formatting, and construction of information products and reports. All work will be conducted through a diversity, equity, and inclusion lens, and you will be committed to developing core competencies that support a diverse, equitable, and inclusive work culture. Diversity, equity, and inclusion are essential elements vital to the culture MSUE endeavors to cultivate.

Minimum Qualifications (see full description for complete list of requirements)

- Knowledge equivalent to a four-year college degree program in geography, ecology, botany, zoology, computer science, information systems, or related field.

Application Process

View full description and apply through the [MSU careers](#) page. **Search for posting 762182 using the Job Search field.**

Application deadline is March 10, 2022.

MSU is an affirmative-action, equal-opportunity employer, committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. Michigan State University Extension employment opportunities are open to eligible/qualified persons without regard to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status. MSU is committed to achieving excellence through cultural diversity. Persons with disabilities have the right to request and receive reasonable accommodations. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.