

## Web and Database Developer

### Position Description



Are you interested in writing code to help protect our northeastern forests? We are looking for a motivated person to join a vibrant, tight-knit team working to preserve and serve ecosystem data and information for New York and northern New England. The Forest Ecosystem Monitoring Cooperative (<http://www.uvm.edu/femc>) has been coordinating and archiving long-term monitoring and research data for over 25 years, working with hundreds of collaborators from academia, state natural resource agencies, the USDA Forest Service and other organizations to provide timely and high-quality data on the state of the region's forested ecosystems.

The FEMC Web and Database Developer supports FEMC's data archiving, sharing, integration and exploration mission by overseeing and implementing the development and management of the FEMC data archive, website, associated cyberinfrastructure and related web-based tools and databases.

The Web and Database Developer will be responsible for designing, creating and maintaining secure database-driven websites for the archive and provision of data from forest health and other environmental monitoring/research projects across the Northeast; administering the FEMC website, including maintenance, development of new features, and troubleshooting; developing new online data access and visualization tools; and assisting FEMC staff and cooperators with data access and performing analysis tasks. In addition, the Web and Database Developer will assist FEMC staff in creating and maintaining automated data collection protocols from meteorological monitoring sites and related technical and administrative tasks including providing technical support for meetings and conferences.

### Required Qualifications:

- Bachelor's degree in a field of environmental science, information technology, or related field, with coursework in computer science or information technology
- Two years' work experience in creation and maintenance of databases and database-driven websites with complex user interaction required
- Proficiency in all steps of website development and system operations
- Ability to undertake a wide variety of tasks and projects
- Proficiency in HTML5, CSS 3, PHP, SQL, and JavaScript (including JQuery) required.
- Effective written and oral communication skills
- Organizational capacity to prioritize efforts around multiple ongoing project
- Ability to establish and maintain effective working relationships as part of a small team

### Desirable qualifications:

- Familiarity with environmental issues and basic research principles and methods

**Position Details**

The full-time position is categorized as an Information Tech Professional with a salary band of \$43,500-\$82,650 (budgeted at low end of pay band).

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law.

**To Apply**

Submit a cover letter, resume, and diversity statement through the University of Vermont jobs portal: <https://www.uvmjobs.com/postings/42203>

**Questions?**

Contact Jim Duncan at [james.duncan@uvm.edu](mailto:james.duncan@uvm.edu) with any questions about this position.