

GREGORY H. BONYNGE

Environmental Data Center, University of Rhode Island, Kingston, Rhode Island, 02881
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EDUCATION & CERTIFICATIONS

M.S. Environmental Science, University of Rhode Island, 2001.

B.A. Biology, Wesleyan University, 1998.

Federal Aviation Administration Remote Pilot Airman Certification, 2017.

Geographic Information System Professional (GISP) Certification, 2007.

CURRENT PROFESSIONAL ACTIVITIES

Research Associate University of Rhode Island, 2001 - present.

- Project Manager
 - Co-leading the Scientific Support for Environmental Emergency Response (SSEER), a response network of scientists poised to assist the RI Department of Environmental Management.
 - Co-leading the development of the Environmental Data Center's Unmanned Aerial System (UAS) research and extension initiatives.
 - Led the team that updates and maintains the Rhode Island Geographic Information System (RIGIS) database and data distribution website (<http://www.rigis.org>).
 - Led a National Park Service Hurricane Sandy Mitigation Project that bolstered the GIS resources available to three primary coastal parks in the northeast United States.
 - Led a technical team that developed a comprehensive statewide database of Rhode Island municipal parcel, tax assessor, and zoning datasets.
- Information Systems Architect and Administrator
 - Managing and maintaining an extensive virtualized enterprise-class server and data storage system that powers all directly hosted Environmental Data Center websites, map applications, and other services. This system reliably responds to over one million requests per month, and hosts over two hundred map, image, address locator, and geoprocessing services.
 - Lead architect and administrator of the University of Rhode Island Facilities Group's enterprise GIS, supporting utilities, facilities, grounds, planning, and other administrative functions.
- Rhode Island Geospatial Extension Specialist
 - Leading and maintaining several initiatives that improve access to geodata, geospatial technologies and resources, and training opportunities in Rhode Island.

TECHNICAL SKILLS

Expert: Esri ArcGIS Enterprise & ArcGIS Pro administration and use, web server administration (IIS), Microsoft Windows and macOS system administration.

Proficient: DJI sUAS mission planning and piloting; Microsoft SQL Server; MySQL; Trimble, Garmin, and Bad Elf GPS hardware and software; Agisoft Metashape software; Citrix XenServer administration.

Operating Platforms: Microsoft Windows, Microsoft Windows Server; macOS.