

Virginia L. Robenski

Education

Paul Smith's College (Paul Smith's, NY)

B.S., Fisheries and Wildlife Science: Wildlife Concentration

Minor in Geographic Information Systems, Minor in Environmental Studies, May 10, 2014

Cum Laude with a Cumulative Grade Point Average of 3.68

Dean's List: Fall 2011 – Spring 2014

Professional Experience

National Grid

November 2020 - Present

Coordinator, Maps and Records - Support the maps and records team overseeing mapping personnel involved in the collection and input of mapping data into National Grid geographic information system applications to ensure safety and to achieve line of sight goals. I review, approve and post maps, and assist the team with mapping training and development.

City of Watertown

April 2018 - October 2020

GIS Technician - Assist in the development, design and maintenance of the city's Geographic Information System. Under general supervision, perform field work, database maintenance, cartography, asset management tasks and other GIS related functions.

Contractor with Cherokee Nation Technologies at U.S. Geological Survey, Wetlands and Aquatic Research Center

January 2017 – January 2018

GIS Specialist I - Member of a multi-disciplinary team of wildlife managers and researchers working to define the US Fish and Wildlife Services vision for Gulf of Mexico Restoration. Responsible for characterizing, assessing and mapping the physical and biological environment of the Gulf of Mexico at multiple geographic scales. Researched federal trust species' habitat and population objectives through literature review.

Student Contractor the U.S. Geological Survey, Wetlands and Aquatic Research Center

January 2015 – January 2017

Geographic Information Systems Technician - Member of a multi-disciplinary team of wildlife managers and researchers working to define the US Fish and Wildlife Services vision for Gulf of Mexico Restoration. Responsible for characterizing, assessing and mapping the physical and biological environment of the Gulf of Mexico at multiple geographic scales. Researched federal trust species' habitat and population objectives through literature review

Department of Energy, Brookhaven National Laboratory

August 2014 – December 2014

Science Undergraduate Research Program (SULI) Intern - Assisted ongoing research on a solar facility. Data collection and management included the radio tracking of eastern box turtles, the trapping and tagging of small mammals, conducting vegetation surveys within and alongside the Long Island Solar Farm and then entering all data into the designated database.

Adirondack Watershed Institute

Summers of 2012, 2013 & 2014

Aquatic Plant Survey Technician - Researched and assembled spatial information on lakes and ponds prior to conducting aquatic plant surveys. Conducted surface surveys of lakes and ponds, and mapped presence and abundances of aquatic plants using GPS and field data sheets and maps. Through the use of surface surveys, the survey team learned to visually identify approximately 45 aquatic plants to species level.

Publications

James P. Cronin, Blair Tirpak, Leah L Dale, **Virginia L Robenski**, John M. Tirpak, Bruce G. Marcot. 2021. Strategic habitat conservation for beach mice: Estimating management scenario efficiencies. DOI: [10.1002/jwmg.21983](https://doi.org/10.1002/jwmg.21983).

Leah L Dale, James P. Cronin, **Virginia Brink**, Blair Tirpak, John M. Tirpak, William E. Pine. 2021. Identifying information gaps in predicting winter foraging habitat for juvenile Gulf Sturgeon. DOI: [10.1002/tafs.10288](https://doi.org/10.1002/tafs.10288).

Data Releases

Tirpak, B.E., Cronin, J.P., Dale, L.L., **Brink, V.L.**, and Tirpak, J.M., 2017, Biological planning units and aquatic extensions for the Gulf Coast: U.S. Geological Survey data release, <https://doi.org/10.5066/F7TT4P5C>.