

Norman Gervais
NGervais@albany.edu
<http://www.albany.edu/faculty/ngervais>

EDUCATION

University at Albany, State University of New York

Ph.D. Candidate in Information Science Expected 2017

- Primary Specialization: Geographic Information Systems (GIS)

Graduate Certificate GIS and Spatial Analyst May 2011

M.A. Geography December 2010

- Specialization: GIS

College at Brockport, State University of New York

B.S. Environmental Science and Biology May 2007

- Concentration: Terrestrial Ecology

Hudson Valley Community College

A.A. Liberal Arts May 2005

ACADEMIC APPOINTMENTS

University at Albany, State University of New York, Department of Information Science

Full Time Lecturer (Evergreen) September 2015 - present

- 7 course load per year
- Served on College level Curriculum Committee
- Supervised a Senior Capstone project (INF 465)

University at Albany, State University of New York, Department of Informatics

Visiting Lecturer (10 month) September 2014-August 2015

- 7 course load per year (3+4)
- Participated in regular faculty meetings, brown bag talks, and departmental events
- Served on College level Commencement Program Committee

Instructor of Record (Under Teaching Assistantship) Fall 2012 –Spring 2014

- Taught 1 course per semester

Adjunct Professor Summers of 2012, 2013 & 2014

- Taught 1 course per summer

Teaching Assistant Fall 2011 – Spring 2012

- Assisted with the routine operations of following courses:
 - Computing and Information (CSI 105)
 - The Information Environment (INF 301x), both in person and fully online
 - Senior Seminar in Information Science (IST 499)
 - Workplace in the Information age (INF 496/596), fully online

University at Albany, State University of New York, Department of Geography and Planning

Student Assistant (Research -Urban Ecology), part time October 2013-August 2014

- Develop python scripts to automate processes
- Set up, installed, and ran a Linux operating system and Linux software
- Obtained data

Sage College of Albany, Interdisciplinary Studies Department

Adjunct Faculty Member (intermittent) March 2015-Present

Online Course Developer July 2014-September 2014

- Developed SCI 205, online – Intro to Physical Geography

COURSES TAUGHT

- Research Methods for Informatics (INF 200)
- Introduction to Web Technologies (INF 201), in person, blended, and fully online
- Introduction to Data and Databases (INF 202)
- Introduction to Networks and System (INF 203), both in person and fully online
- Probability and Statistics for Data Analytics (INF 300)
- Web Development (IST 361)
- Intro to Physical Geography (SCI 205), fully online at Sage

PROFESSIONAL EXPERIENCE

US Army Corps of Engineers

Student Trainee (Geography), seasonal

August 2012-April 2015

Biological Technician, seasonal

July 2010-August 2012

- Was responsible for obtaining, maintaining, creating, and ensuring proper function of the offices geospatial data
- Assisted with the permitting and minimization of impacts to the navigable waters of the United States (Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act) including issuing Nationwide Permit (NWP) verification letters and providing geospatial support for compliance with Section 7 of the Endangered Species Act.
- Developed and interpreted GIS maps, via remote sensing techniques, to provide pertinent information to aid in site visits and preliminary identification of alleged violations.
- Responded to public inquiries via phone

Natural Resource Conservation Service (USDA- NRCS)

Biological Student (Soil Conservation)

June 2009-August 2009

- Achieved an integrated system of land use and conservation to restore, enhance, and protect the environment in harmony with the needs of several landowners
- Assisted in the planning and construction of agricultural water runoff and supply
- Developed technical drawings and interpreted blueprints
- Overlooked contractors work to ensure compliance with NRCS specifications
- Worked in conjunction with the Rensselaer County Soil and Water Conservation District

NYS Department of Environmental Conservation

Wildlife Technician 1

May 2008- October 2008

- Was responsible for ensuring compliance with Article 24 (wetland) and Article 15 (stream) of the Environmental Conservation Law in eight counties (Region 5 of the NYSDEC)
- Ensured that projects, as permitted by the Department for landowners, consultants, and local governments, were being followed in accordance with the plans
- Used ArcGIS on to locate regulated wetlands, tax parcels, and any other pertinent information
- Assisted in wetland delineations and marked boundaries with a GPS unit. Uploaded the GPS point files to a GIS.
- Assisted law enforcement with environmental complaints related to wetlands
- Disseminated wildlife information to the public

Northeast Analytical Inc.

Organic Extraction Technician

November 2007- January 2008

- Extracted various pollutants in water samples for testing

AWARDS AND HONORS

- Individual Development Awards Program Grant, to attend 2014 NYS Geospatial Summit
- UA-GSA Professional Development Award Program, for 2013 NYGeoCon presentation
- 2012-2013 Professional Development Award Program, for 2013 CIT presentation
- Awarded Department of the Army - Certificate of Achievement: Regulatory Branch Permits Digitization Team - Commander's Outstanding Government Improvement
- Awarded the O'Reilly Scholarship for Environmental Science transfer and freshman students.
- Named into the Who's Who Among Junior Colleges of America.
- Graduated with honors from Hudson Valley Community College.

PUBLICATIONS

- Gervais, N.; Buyantuev, A.; Gao, F. (2017). Modeling the Effects of the Urban Built-Up Environment on Plant Phenology Using Fused Satellite Data. *Remote Sens*, 9(1). DOI:10.3390/rs9010099
- Dumas, C.L., LaManna, D., Harrison, T.M., Ravi, S.S., Kotfila, C., Gervais, N., Hagen, L., Chen, F. (2015). Examining political mobilization of online communities through e-petitioning behavior in We the People. *Big Data & Society*, 2(2). 1-20. DOI: 10.1177/2053951715598170
- Gervias, N. (December 2013/January 2014). Governmental Internet Information Collection: Cookies Placing Personal Privacy at Risk. *Bulletin of the American Society for Information Science and Technology*, 40(2), 27-31.

PRESENTATIONS

- Gervais, N., Buyantuev, A., & Gao, F. (2017, April 08). *Using Fused Satellite Data to Monitor the Effects of the Heterogeneous Urban Environment on Plant Phenology*. Presented at The AAG Annual Meeting, Boston, MA.
- Gervais, N. (2014, October 29). *Enhancing Remotely Sensed Data to Better Measure Vegetation Patterns*. Presented at The Informatics Department of the College of Computing and Information brown bag series of talks and discussions, University at Albany, State University of New York, Albany, NY.
- Gervais, N. (2014, February 7). *Geographic Information Systems: a Potential Tool For Educational Research*. Presented at Students of Educational Administration for Change (sea change) Friday Forum, University at Albany, State University of New York, Albany, NY.
- Gervais, N. (2013, November 13). *VGI's Role in Improving Government 2.0*. Poster Presented at NYGeoCon, Saratoga Hilton, Saratoga Springs, NY
- Horowitz, L., Dumas, C., Kassab, D., & Gervais, N. (2013, May 23). *Team Based Learning: an Instructional Strategy that Works!*. Panel discussion at Conference on Instruction and Technology 2013 (CIT), SUNYIT, Utica, NY
- Gervais, N. (2013, April 12). *Challenges with the Conserving Biodiversity: The Importance of Surrogates*. Presentation at New Trends in Computing and Informatics Research (NTCIR), University at Albany, State University of New York, Albany, NY.
- Gervais, N. (2012, April 27). *A Proposed GIS based Method for Modeling Aquatic Ecosystem Health*. Poster Presented at New Trends in Computing and Informatics Research (NTCIR), University at Albany, State University of New York, Albany, NY.
- Gervais, N. (2010, November 8). *A Geospatial Representation of Coincidence Among Digitally Mapped Wetlands and Hydric Soils in St. Lawrence County*. Poster Presented at GIS/World Town Planning Day, University at Albany, State University of New York, Albany, NY.

ACTIVITIES

Member, American Association of Geographers (AAG).Nov 2016-Present.

Reviewer, Global Change Biology, Oct. 3, 2016- Oct. 12, 2016

Committee Member, College of Engineering and Applied Science Curriculum Committee, Sept. 28, 2015 – Fall 2016.

Committee Member, College of Computing and Information Commencement Program Committee.
March 3, 2015 – May 20, 2015.

Conference Co-organizer, New Trends in Computing and Informatics Research (NTCIR), 2012, April 27, University at Albany, State University of New York, Albany, NY.