

Speakers and Bios

Speakers are listed alphabetically by last name. Biographies are listed as submitted without editing.

Web Adams

U.S. Census Bureau

Web Adams, GISP, is a Data Dissemination Specialist at the United States Census Bureau's New York Regional Office. Prior to this position, Web served at Census Bureau HQ in Suitland, MD as a Geographer in the Linear Features Branch and as a Geographic Specialist at the New York Regional Census Center. He has also worked in the GPS navigation field with ALK Technologies in Princeton, NJ, in the Surveys and Mapping Department of PSE&G in Newark, NJ, and as a cartographer at Hammond, Inc. in Maplewood, NJ. He has a B.S. in Textile Science from Clemson University in Clemson, SC, and a Certification in Cartography from Salem State University in Salem, MA.

Melissa Albino Hegeman

Penn State

Melissa Albino Hegeman is the GIS and Data Coordinator for NYS Department of Environmental Conservation's Bureau of Marine Resources. She is also working to finish her Masters in Geographic Information Systems at Penn State.

Ross Baldwin

Town of Southampton

Ross Baldwin has been with the Town of Southampton GIS Dept since 2002, taking on the role as GIS Manager in 2007. He has worked tirelessly to promote GIS in the Town as well as the rest of Long Island. Outside of his responsibilities to the Town, He has also assumed the duties as chairman of the Long Island GIS User Group (LIGIS) and also serves on the NYSGISA Awards Committee.

Richard Bartholomew

Arup

Richard Bartholomew is a designer with Arup based in the New York City office. With several years of experience as part of the Infrastructure and Civil Engineering team, he has worked on a variety of transportation, water, and master planning projects both locally and abroad. With particular expertise on green infrastructure analysis and design, he developed mobile GIS field assessment tools, a site suitability model for optimizing and prioritizing locations for GI implementations, and a web-based map & dashboard to track fieldwork and construction progress for several projects in the NYC region.

Jason Baum

NYS ITS - GIS Program Office

Jason Baum (pronounced Bawm) is a Program Manager at the NYS GIS Program Office. He is currently working on issues relating to GIS data in 911 systems and emergency communications. He was previously the GIS Coordinator for the Town of Bethlehem, NY. He graduated from SUNY Albany in 1997 with a GIS Certificate and a Masters in Regional Planning.

Svetla Borovska

Tompkins County NY

She lives in Ithaca NY and has been with Tompkins County's GIS since 1998. Her volunteering work ranges from a field trip to Kenya and GISCorps contributions to community mapping projects such as The History Project, Celebrating 100 Years of History for the Village of Cayuga Heights, Ithaca NY.

Eric Brady

Bergmann Associates

Eric is the GIS Manager for Bergmann Associates. He holds a MA in Geography from University at Buffalo and has been in the GIS industry for 16 years.

David Breeding*AppGeo*

Mr. Breeding is a Project Manager for the State and Local Government Team at AppGeo, where he leads projects developing custom Web applications and supports the design/deployment of enterprise GIS systems. He has worked at AppGeo for the last four years on projects for state and local governments across the Northeast. He earned a Masters in GIS and Technology from the University of Southern California.

Katie Budreski*Stone Environmental, Inc.*

Katie Budreski leads the Spatial Analysis and Application Development Team at Stone Environmental where, over the past eight years, she has managed and conducted geospatial projects across a variety of disciplines including coastal management, water resources, forestry, utilities, agriculture, and renewable energy. She has been involved in managing web mapping application projects using approaches based on the Agile software development method. Prior to joining Stone, Katie completed a M.S. in Forestry at Virginia Tech, which focused on the evaluation of remote sensing image classification methodologies.

Katie Budreski*Stone Environmental*

Katie Budreski leads the Spatial Analysis and Application Development Team at Stone Environmental where, over the past eight years, she has managed and conducted geospatial projects across a variety of disciplines including coastal management, water resources, forestry, utilities, agriculture, and renewable energy. She has been involved in managing web mapping application projects using approaches based on the Agile software development method. Prior to joining Stone, Katie completed a M.S. in Forestry at Virginia Tech, which focused on the evaluation of remote sensing image classification methodologies.

Paula Cutrone*Onondaga Crime Analysis Center*

Paula Cutrone, Senior Crime Analyst – IT Coordinator for the John F. Finn Institute for Public Safety, works in the Onondaga Crime Analysis Center in Syracuse, NY. Paula has served in several capacities at the OCAC for the past seven years, most recently specializing in creating automation procedures for mapping and reporting and developing the Center's intra-net web mapping application. Paula guest lectures on Crime Analysis and Crime Mapping for SUNY- Oswego and Syracuse University and conducts training with law enforcement agencies throughout Onondaga County. Paula received a Bachelor of Arts in Communication from Utica College of Syracuse University (NY) and a Master of Science in Criminal Justice from the University of Cincinnati (OH).

Elisabetta DeGironimo, GISP*Mohawk Valley Water Authority*

Ms. DeGironimo is the Watershed and GIS Coordinator for the Mohawk Valley Water Authority in Utica. Before joining the MVWA, she was the GIS manager at Harza Engineering. Ms. DeGironimo has over 22 years of experience as a GIS Analyst in both public and private sectors, and has worked on GIS projects domestically and internationally in: Venezuela, Egypt, El Salvador, Mexico, and Canada. She earned BLA and MS degrees from SUNY ESF. Ms. DeGironimo was the national chairperson of the Esri Water/Wastewater/Stormwater GIS Users Group; served as a member of the NYS Geospatial Advisory Council and the Board of Directors of the NYS GIS Association. She currently serves on the NYS GeoSpatial Summit organizing committee. In 2003, a team led by Ms. DeGironimo was awarded a Special Achievement in GIS award at the ESRI International User Conference.

Mickey Dietrich*President-Elect, NYS GIS Association*

Mickey Dietrich is currently the President-Elect of the NYS GIS Association and is a GIS Specialist at the NYS Tug Hill Commission, where he has worked since 2002.

Frank Donnelly

Baruch College CUNY

Frank Donnelly is the Geospatial Data Librarian and an Associate Professor at the William and Anita Newman Library at Baruch College CUNY, where he works with students and faculty to help them find, process, organize, and interpret place-based information and data. He is the library's subject specialist in geography and GIS and has extensive experience working with US Census data. He holds an MLIS from the University of Washington and an MA in Geography from the University of Toronto.

Craig Fargione, GISP

NYS ITS GIS Program Office

Craig Fargione is the Application Manager for the GeoLynx Address Point and Street editing application. He has worked in the GIS Program Office for a little over 4 years and has been involved in projects for broadband mapping, geocoding, and street and address mapping.

Austin Fisher

Fountains Spatial, Inc.

Austin Fisher is currently Vice President of Fountains Spatial, Inc., and Director of Operations and Business Development for the Waypoint Technology Group. He has reached the disconcerting point in his career where his years of professional experience are greater than the age of some of his colleagues.

Kim Fisher

Wildlife Conservation Society

Kim Fisher is a spatial analyst and web developer at the Wildlife Conservation Society, and the co-creator and lead software developer for Visionmaker as well as the Mannahatta/Welikia projects (welikia.org) that preceded it. Fisher has worked on the creation of over 20 different websites and spatial analysis tools and scripts for conservation and business purposes, and joined WCS after co-leading a successful web development firm. He holds a B.A. in anthropology from Reed College.

Bill Gutelius

Qntfi, Inc.

Bill Gutelius co-founded Active Imaging Systems (AIS) in 2007 where he consults for commercial and government clients on active and passive imaging technologies and their applications. In 2014, after nearly 20 years involvement in the LIDAR industry, Bill formed Qntfi, Inc., a distributor of hardware and software for indoor and underground 3D mapping applications. Previously he worked at Teledyne-Optech, a leading global manufacturer of LIDAR and camera systems.

Greg Hale

HALE Technology in Practice

Greg has worked in the AECO industry for the last 16 years with a background in construction management, structural engineering, BIM management and technology consulting. He specializes in Autodesk Revit and Navisworks, laser scanning, and mobile technology and provides training, strategic planning, building documentation services and best practice solutions. Greg has spoken at many professional events including Autodesk University and SPAR Point International. He recently started adding UAVs into the company's research and development. In addition, Greg is founder of the RocCity Revit User Group and Syracuse Technology for Design and Construction Group and supports BIM user groups across western New York.

Jim Hall

Bowne Management Systems

Mr. Hall has over 25 years of experience with geographic information systems (GIS) and information technology (IT). His professional work is primarily focused on defining customer's business requirements and developing and implementing appropriate designs with application, data and systems infrastructure components, as well as overall project management. In his career Mr. Hall has completed projects for over 100 different government, non/not-for-profit, utility and corporate customers both in the U.S. and overseas. He has also made over 75 presentations at industry events and made keynote/ plenary addresses at the Esri User International User Conference, URISA's annual conference, AURISA's annual conference, GIS for Emergency Management Conference and at Harvard University.

Austin Hart

St. Lawrence University

My name is Austin Hart, I am in my final semester as a Geology-Physics major at St. Lawrence University in Canton. Even as a kid, I've been attracted to maps. My parents helped promote a good spatial awareness by teaching me to recognize mountain peaks around my native New Hampshire. It's no wonder that when I first studied GIS that I began trying to identify unknown mountains from new viewpoints. Using a background in computer science, I have developed a workflow to process viewpoints feature classes and output a complete viewshed maps that can be thrown in a backpack and saved for the summit. In my free time, I try to get outdoors as much as possible. St. Lawrence County has a wealth of trail networks, rivers, and ledges, which I have made my goal to explore. I am a skier, paddler, climber, and trail runner. All of my exploration has fostered an affinity to academic fields like geology and GIS. I hope to continue on a path using GIS to investigate and solve complex earth science and environmental problems.

Danielle Hartman

CH2M

Danielle Hartman, GISP, is an accomplished geographer with 17 years experience with GIS, cartography, and NYC data. She excels at translating technical data into usable information for the decision-making process. Her technical expertise includes data development, spatial analysis, software design, and information management for large projects. She is based in CH2M's NYC office and frequently works on Port Authority projects.

David J Healy

Stone Environmental, Inc.

David Healy is Vice President at Stone Environmental. He has been a GIS innovator in solving complex analytical and technical problems for over 25 years at the local, regional, national and international level. He has led numerous GIS solution strategies, including project design, programming, modeling, layout and production for many diverse clients-large and small. He loves finding solutions to complex problems. He is always interested in creating new ways of turning data into information and integrating GIS into practical applications. He believes that interweaving of web maps create compelling stories helps to create understanding. David received his M.A. in Urban Planning at UCLA where he focused on the relationship between land use and air quality. Prior to joining Stone, working for the State of Vermont, he was instrumental for establishing and operating the Vermont Center for Geographic Information

Jeffrey Herter

NY Department of State, Office of Planning & Development

Jeff works for the NY Department of State's Office of Planning & Development. Some of his current responsibilities include coastal risk area mapping for use in resilience planning, supervise the State's coastal consistency program, work with the Gateway development team; participate in the State's offshore planning efforts including facilitating acquisition and incorporation of ocean & Great Lakes information into the planning process; etc. He was GIS Unit Supervisor for the Office prior to his current position. He also served as a Coastal Development Specialist in upstate New York. Jeff received his MS in Natural Resources Management from the College of Environmental Science and Forestry.

Zakkary Hess

State University of New York at Fredonia

Zakk Hess is a senior Geology major and GIS minor at the State University of New York at Fredonia. He has interned with the City Dunkirk Department of Public Works since January 2015. His focus has been on hydrogeology.

Susan Hoskins

Heather Pierce is an Instructor of GIS and Physical Geography at Monroe Community College in Rochester, NY. She is the Co-PI on the recently awarded Advanced Technological Education grant from the National Science Foundation titled, "GeoTech Consortium of Western New York: Get the GIST (Geospatial Information Science Technology) Certificate".

Benjamin Houston

Spatial Analytix, LLC

Ben Houston is a self described raster evangelist whose passion is terrain analysis and modeling natural systems with GIS. A licensed Environmental Engineer and former Army Topographic Engineer, he has over 20 years experience in engineering and mapping. Ben has a broad background in public health engineering, utilities infrastructure, and storm water management. His focus the past 10 years has been on using high resolution airborne LiDAR data and most recently has turned his attention toward UAV based data collection and analysis. He is the CEO and Co-Founder Spatial Analytix and currently leads business development and strategic planning. Ben is also a visiting Professor in the Center for Environmental Policy at Bard College and is both a certified PMP and GISP.

Benjamin Houston

GroundPoint Technologies, LLC

Ben Houston is co-founder of GroundPoint Technologies and currently leads business development and strategic planning. He has over 20 years experience in topographic engineering, most recently specializing in LiDAR data processing and applications. Ben is a licensed Professional Engineer in New York and has a broad background in public health engineering, public utilities infrastructure, and stormwater management. He has held various positions as an engineer and GIS analyst with both for-profit and non-profit consulting companies, and with various local government agencies including the Departments of Planning, Public Works, and Health. Ben specializes in raster based terrain analysis and GIS data integration.

Kevin Hunt

NYS Office of Information Technology Services

Kevin Hunt works with New York State's Office of Information Technology Services and manages GIS for the Transportation and Economic Development agencies including the NYS Department of Transportation, NYS Division of Homes and Community Renewal and the NYS Department of Economic Development. Kevin has worked in the mapping and GIS fields within the NYS Department of Transportation and Office of Information Services for twenty three years.

Tabassum Insaf

New York State Department of Health

Dr. Tabassum Insaf is a Research Scientist at the Bureau of Environmental and Occupational Epidemiology in the New York State Department of Health. Her research focuses on understanding the role of social and behavioral factors in health disparities for chronic disease outcomes. She has expertise in multilevel and spatial regression modeling. Her recent projects include analysis of satellite data to determine health effects of air pollution and heat stress and small area analysis of social determinants of adverse birth outcomes.

William Johnson

NYS Geographic Information Officer

Bill is Geographic Information Officer at the NYS Office of Information Technology Services, where he serves as the State's strategist and advocate for Geographic Information Systems (GIS) technology and coordination across the Executive Branch agencies. Previously, he was Director of the GIS Program Office at the Division of Homeland Security and Emergency Services, and prior to that he was Director of Mapping and GIS for the New York State Department of Transportation. Bill has more than 30 years of experience with mapping and GIS in New York State and has been a leading advocate on the use of GIS to improve government operations. He has also served as President of the National States Geographic Information Council.

Andrew Johnston

SeeClickFix

As a Partnership Manager for SeeClickFix, Andrew develops and implements strategies to help SeeClickFix partners improve their communities. He uses his 10+ years of client services experience to understand the needs of each partner and determine the best solution. Civic engagement is an exciting direction for Andrew, who believes that analyzing the data created by geotagged service requests illustrates the best path forward for improving neighborhoods.

Sarah Kampf

City of Albany

Sarah Kampf holds a degree in public communication and spent over seven years working as a press officer in various New York State agencies. Currently, Sarah works as a public relations consultant for private small businesses as well as manages the website and social media for the City of Albany, NY. Throughout her career, she has been responsible for handling customer service issues for both government entities and private sector businesses. In her role with the City of Albany, she has been the main point of contact in implementing and administrating SeeClickFix operations for City employees and has worked with SeeClickFix representatives in molding their product to best serve Albany residents.

Katherine Kiyantsa

NYS GIS Program Office

Katherine (Kate) Kiyantsa, GISP has an MA in Geography from SUNY Albany with a concentration in GIS/Spatial Analysis. She has worked in the New York State ITS GIS Program Office since 2010 and is currently a part of the Statewide Parcel Map Program. The program's mission is to collect, assemble, maintain, and provide access to statewide tax parcel GIS data. The team also includes Program Director Bob Gehrler, and Paul Fasano.

Michael Koterba

MJELS

Michael Koterba is currently the 3D Laser Scanning & Geospatial Services Manager for MJ Engineering and Land Surveying, P.C. Mr. Koterba is the director of the static and mobile LiDAR data acquisition programs, and oversees all of the firm's 3D laser scanning projects throughout their duration from field data collection to deliverable development.

Karen Kwasnowski

GroundPoint Technologies, LLC

Karen Kwasnowski is currently an officer with Groundpoint Technologies LLC. She studied Mapping Sciences at SUNY ESF and has worked as a remote sensing engineer and GIS analyst for the past 15 years. While working at the Institute for the Application of Geospatial Technology Karen received advanced training in lidar technology, which was proving to be an important upcoming technology. Karen began working with lidar data and developing workflows for NYS customers who received the data as part of the FEMA floodplain mapping program but didn't know how to integrate the vast point clouds into their GIS. Since that time Karen has worked for over a hundred different town and county government agencies all over the United States, helping turn their lidar data into data products like DEMs and Contours as well as using the lidar to develop more advanced data products like landcover maps, urban drainage networks, and watershed boundary layers.

Jeffrey Langella

NYS GIS Program Office

Jeff Langella is a Technical Lead on the NY Statewide Elevation Program. He has worked for NYS for 9 years as a GIS specialist supporting multiple programs including the NY Statewide Elevation Program, NY Statewide Orthoimagery Program, Data Improvement Manager, and NYS Emergency Response.

Jon Langstaff

Pictometry International Corp.

Jon began his career at Pictometry in July 2010 as a Technical Trainer. In January 2013 he was promoted to Regional Technical Manager (RTM) for the NY/New England/Eastern Canada region. In his capacity as the regional RTM his efforts focus on outreach, deployment and technical assistance for Pictometry customers.

Lauren Lyons-Swift*Soil and Water Conservation Committee*

Lauren currently works as a Natural Resource Conservationist for the NYS Soil and Water Conservation Committee housed within the NYS Department of Agriculture and Markets. Her responsibilities include GIS analysis of non-point source pollution project data. Her past employment experiences include NYS Natural Heritage Program, The Nature Conservancy, US Fish and Wildlife Service and a secondary school science educator. She received a BA in Biology from the University of Colorado and an MS in Botany/Plant Ecology from the University of Connecticut.

Qingyu Ma*Evolution Maps*

Qingyu Ma was born in the small town of Xiangyang, China in 1992. During his undergraduate study, he was fortunate enough to be chosen as a member for the Remote Sensing group. He then studied and researched Computer Science topics about Machine Learning and Hadoops for 2 years, which helped develop his interests in CS. Since he has passion for both GIS and Computer Science, Ma decided to create something that combines those skills and hopefully benefit the world. He graduated as a GIS master in May, 2015, and plans to continue pursuing his higher GIS techniques and education. Thanks to the 1 year study experience at the University of Pennsylvania, Ma has become a proficient user of ArcGIS 10.2 software.

Patrick McLoughlin*Spatial Systems Associates, Inc.*

Pat is a Project Manager and Senior Business Consultant with 11+ years of experience designing, implementing, and managing GIS solutions for a wide variety of clients, primarily in State and Local Government. He works with clients to understand the challenges they are facing and identifies opportunities where geospatial solutions can assist in improving business processes. He specializes in utility mapping, hydrology and hydrography, emergency services, real property mapping, and facilities-based GIS implementation projects. Pat graduated from Salisbury University in 2003 with a degree in Geography concentrating in GIS and Atmospheric Sciences and has been with Spatial since 2004.

Andrew Mendola*Pictometry*

Andrew Mendola is the Educational Program Manager at Pictometry International. In his third year of developing and furthering the goals of the Educational Program department, Andy is responsible for integrating Pictometry's solutions and imagery into curriculum of multiple disciplines and grade levels. Prior to this role Andy was a trainer for Pictometry in their Customer Technical Services Department. As a trainer, he traveled across the US to train the county government personnel that were under contract with Pictometry on the use of their software and imagery datasets. Andy is a certified New York State teacher with 14 years of classroom experience as well as a certified New York State School Administrator. Andy sits on the National Visiting Committee for the Geotech Center and he is chair of the New York State GIS Association Education Committee. In addition Andy is a director on the board for GIS/SIG in western NY.

James Mower*University at Albany*

James Mower is an associate professor at the Department of Geography and Planning, University at Albany. Professor Mower joined the University in 1987 and publishes in the areas of augmented reality, non-photorealistic rendering of landscapes, and parallel algorithms for GIS. Professor Mower is currently the Director of the graduate GIS Certificate program and the lead developer of the proposed Master in GIS program at the University at Albany. He can be reached at jmower@albany.edu.

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Sean Myers

NBT Solutions LLC

Sean is the co-founder of NBT Solutions, a geospatial application development company that uses open source geospatial tools and libraries to build web mapping applications. He is responsible for company operations and act as product manager for many of my company's projects and applications. Previous to starting NBT in 2009, he was a GIS professional with several engineering and environmental companies building enterprise GIS solutions for various federal, state, local, and private clients.

Dan Nainan

Dan Nainan is a 100% clean comedian that enjoys helping others in their efforts to become better public speakers. His greatest reward is when he is able to see someone he has taught, utilizing what they have learned in their public speaking. Dan will be putting on a public speaking workshop at the NYS GeoCon 2015. Here is a little bit about Dan: "As a senior engineer with Intel Corporation, Dan Nainan designed and presented highly technical demonstrations on stage with Intel Chairman Andy Grove at high-profile events all over the world. He took a comedy class to help get over the fear of public speaking at these events, at which the audiences numbered in the thousands, or sometimes in the millions on television. The "final exam" for the comedy class was a performance at the Punchline Comedy Club in San Francisco, a performance which was a resounding success. Dan's Intel coworkers, upon viewing the videotape, invited him to perform at a team dinner for 200 employees at the Consumer Electronics Show in Las Vegas. Upon seeing that performance, the organizers of Intel's annual sales conference asked Dan to perform for 2,500 professional comedian, in what was only his third comedy performance ever. salespeople from around the world. His dead-on impressions of Andy Grove and American presidents had the audience rolling in the aisles at 8 a.m. on a Monday morning. Many in the audience thought that he had been hired as a professional comedian, in what was only his third comedy performance ever." (www.danielnainan.com)

Michael Naughton

Town of Huntington

Over the course of his career, Michael Naughton has become very skilled in management and geographical information systems for the Town of Huntington. His qualifications include a detailed knowledge of geographical information systems, technologies and best practices. He has twenty years of experience in the creation and deployment of solutions capturing and analyzing municipal infrastructure assets using various GIS software and GPS hardware. He has used GIS and GPS technology to monitor and record information that allowed for \$40 million in FEMA reimbursement for Superstorm Sandy and Hurricane Irene, and the information survived numerous audits.

Susan Nixson

NYS GIS Association

Susan Nixson is current President of the NYS GIS Association and is a GIS Specialist at the City of Ithaca, where she has worked since 2006.

Bruce Oswald

Oswald Associates

Bruce is the owner of Oswald Associates, a firm specializing in project management, strategic planning and geospatial solutions. He currently provides emergency management and homeland security consulting services for the National Alliance for Public Safety GIS Foundation and the National States Geographic Information Council. In addition, he serves as the chair of the 2015 NYGeoCon Committee. Bruce is certified as a Project Management Professional. He has holds bachelor degrees in Environmental Science and Landscape Architecture from the College of Environmental Science and Forestry at Syracuse University and an MBA from Rensselaer Polytechnic Institute.

Mary Perrelli

SUNY Buffalo State, Dept. Geography and Planning

Ms. Perrelli has over 14 years of teaching and research experience with GIS software and holds a MA in Geographic Information System from the University at Buffalo. She currently serves as the GIS lab supervisor in the Department of Geography and Planning at SUNY Buffalo State and is the technical coordinator for the campus ESRI license. In her current role she provides GIS support on grants projects to academic departments on campus. She also teaches several GIS courses for the Department of Geography and Planning. Ms. Perrelli has taught a number of GIS workshops and has worked with local k-12 teachers to integrate GIS technology into the classroom. She is a steering committee member for the Western New York GIS Users Group (WNYGISUG).

Michael Pianka

MJ Engineering & Land Surveying, PC

Michael Pianka is currently the Geospatial Services Technical Lead for MJ Engineering and Land Surveying, P.C. In addition to managing the firm's GIS group, Mr. Pianka is also the technical lead on research and development of the mobile LiDAR data acquisition program and workflow integration between LiDAR collection, GIS, and CADD user groups within the firm.

Heather Pierce

Monroe Community College

Heather Pierce is an Instructor of GIS and Physical Geography at Monroe Community College in Rochester, NY. She is the Co-PI on the recently awarded Advanced Technological Education grant from the National Science Foundation titled, "GeoTech Consortium of Western New York: Get the GIST (Geospatial Information Science Technology) Certificate".

Liz Podowski

New York Department of State

Liz Podowski is a Resilience Specialist working with the New York Department of State where she provides scientific, planning, and design expertise to support community resilience programs, sustainable shoreline management, renewable energy planning, and the development of creative public outreach materials. Liz also manages the design and development of the Geographic Information Gateway. Prior to joining the Department of State, Liz was a NOAA Coastal Management Fellow. She has a master's in landscape architecture from the University of Oregon and a master's in biology from Penn State University.

D. Samuel Rajasekhar

EDR

Graduated with Master of Science in Forestry (MSF) from Stephen F Austin State University, TX. Applied GIS & Remote Sensing technologies to produce a predictive habitat for a threatened plant species in East Texas. Worked in Florida & Minnesota for State agencies. In Minnesota mapped about half of the State for GAP landcover using Landast7 ETM imagery. In Florida used innovative GIS and Remote Sensing methods to measure seagrass dynamics in the Indian River Lagoon & quantify wetlands, mapped wetlands using WorldView2 imagery and contributed to sea level rise studies. Currently working as an Aerial Specialist for Environmental Data Resources, CT. I provide photogrammetry solutions for historic aerial photographs.

Linda Rockwood

Mohawk Valley GIS

Linda Rockwood is owner of Mohawk Valley GIS in Utica, NY. MVGIS offers technology and GIS services ranging from website and custom iOS/Android development to interactive map design and GIS data creation, analysis, mapping, training and consulting services.

Ms. Rockwood combines expertise from her first career as a systems developer with her current passion for GIS applications, employing a mix of ESRI, Manifold Systems and Open Source tools to create client applications and run NYSnowmobileWebmap.com and ADKTrailmap.com, the company's two recreation e-commerce sites.

Steven Romalewski*CUNY Graduate Center*

Steven Romalewski directs the CUNY Mapping Service at the Center for Urban Research at the City University of New York's Graduate Center. The Mapping Service engages with foundations, agencies, businesses, nonprofits, and CUNY researchers to use spatial analysis techniques in applied research projects. They specialize in online applications providing intuitive access to powerful data sets, displayed visually through interactive maps and other formats. Romalewski was awarded a Revson Fellowship at Columbia University and received a master's degree in urban planning from Columbia. Before joining the CUNY Graduate Center, Romalewski led the Community Mapping Assistance Project at NYPIRG for eight years providing GIS services to nonprofits across the country.

Michael Ross*City of Rochester*

Mike Ross is the GIS Coordinator for the City of Rochester, NY. He has 13 years of experience, and is responsible for leading the City's GIS program, including transforming the City's GIS into a modern enterprise system, developing web applications, migrating legacy systems, and coordinating GIS activity for multiple departments. He also serves on the board of GIS/SIG, is a member of the NY State Geospatial Advisory Council, and co-chairs the Local Government Committee of the New York State GIS Association.

Vijay Sambandhan*Bergmann Associates*

Vijay Sambandhan is Senior GIS Developer at Bergmann Associates in Buffalo, NY. During his time with Bergmann he has designed and developed numerous GIS software solutions primarily for Esri's ArcGIS Platform.

Michael Schifferli*NYS Parks*

Mike has been with NYS Office of Parks, Recreation & Historic Preservation, State Historic Preservation Office (SHPO), since 2000. He's currently serving as the Cultural Resource Information System (CRIS) Program and Data Services Coordinator. Prior to joining the SHPO Staff Mike was employed by a cultural resources management firm in Buffalo, New York, where he worked on the identification and evaluation of the western terminus of the Erie Barge Canal. He also served as an Archaeological Technician for the National Park Service in Grand Canyon, AZ and southern New Mexico. Mike holds a BA. in Anthropology from SUNY Buffalo.

Mark Scott*Esri*

Mark Scott is a Solution Engineer with Esri's County Government Team. In his 19 years with the company he has presented to audiences at user groups, conferences, and seminars. These presentations communicate information concerning various components of Esri's ArcGIS Platform, including the location-enabled mobile solutions being highlighted in the workshop.

Lizzi Slivinski*NBT Solutions*

Lizzi Slivinski is the newest member of the NBT Solutions Team. Since coming aboard in May, Lizzi has brought her passion for building highly functional and user-friendly web mapping applications to her role as a Front End Developer. Before coming to NBT, Lizzi worked as a Web GIS Specialist with the Association of State Floodplain Managers, where she specialized in creating data visualization and mapping tools. Lizzi has 2 years experience developing web applications using Javascript and Javascript libraries such as Leaflet, D3, and Mapbox. Lizzi earned her Graduate Certificate in GIS, and Bachelor of Arts in Geography and Political Science from the University of Wisconsin - Madison.

Peter Spellane

New York City College of Technology CUNY

Peter Spellane, Ph. D., is an associate professor and member of the Chemistry department at New York City College of Technology in Brooklyn. He studied English at Hamilton College and Chemistry at the University of Washington and the University of California at Santa Barbara. In recent work at City Tech, he was part of a team that designed and launched new courses in environmental science, with support of the NSF, and has worked on NEH-funded projects that seek to integrate the humanities with education in science and technology; projects include "Water and Work: The Ecology of Downtown Brooklyn" and "Along the Shore, Changing and Preserving the Landmarks of the Brooklyn's Industrial Waterfront." His current work concerns the history and environmental legacy of the production of chemicals and petroleum in New York City during the late 19th and early 20th centuries.

Larry Spraker

NYS Office of Parks, Recreation & Historic Preservation

Larry Spraker is President of Fountains Spatial, responsible for the overall business operations. Mr. Spraker holds a Masters degree in Geography with a specialization in geographic information systems and remote sensing. He has over 24 years of experience in GIS, and is recognized as one of the leading experts in the Northeast in the development of custom GIS applications.

Tao Tang

State university of New York - Buffalo State

Professor, Department of Geography and Planning, State University of New York (SUNY) – Buffalo State, Buffalo, NY, September 2015 – Present

Associate Professor, Department of Geography and Planning, State University of New York (SUNY) – Buffalo State, Buffalo, NY, January 2004 – August 2015

Adjunct Associate Professor, Department of Geography, University at Buffalo, SUNY, 2010 – Present

Assistant Professor, Department of Geography and Planning, SUNY – Buffalo State, Buffalo, NY, January 1998 - December 2003

Korin Tangtrakul

Open Sewer Atlas NYC

Korin Tangtrakul is the lead researcher and GIS analyst with Open Sewer Atlas NYC, a community-based planning project. Korin is a recent graduate of Pratt Institute's Urban Environmental Systems Management M.S. program. She has five years of experience in GIS and geospatial data management and analysis, and specializes stormwater management, watershed planning and community development. Her work experience in New York includes Lead Graduate Assistant for the Spatial Analysis Visualization Initiative at Pratt Institute, GIS Intern for the Pratt Center for Community Development and Coordinator for the Stormwater Infrastructure Matters Coalition. Prior to New York City, Korin was a Fulbright English Teaching Assistant in Thailand.

David Vail

Mohawk Valley GIS

David Vail is a software developer at Mohawk Valley GIS in Utica, NY working with clients across multiple fields, from advertising and real-estate to local government and tourism. Dave develops GIS based applications for the web and mobile with a focus on user experience, using open source technologies to create interactive, location driven products and applications.

Sam Wear

Westchester County GIS

Sam Wear has led development of the Westchester County GIS program since 1988. In this capacity he is responsible for overseeing all aspects of the County's enterprise GIS program and he works extensively with municipal governments in building both local GIS capacity and collaborative efforts with the County. His nearly 31-year County service also includes a four-year IPA detail with the U.S. Geological Survey, National Geospatial Program in Reston, Virginia. He is two-time President of the Northeast Arc Users Group and founder of the New York State GIS Association. Sam earned his B.S in Wildland Recreation Management from the University of Idaho and a M.S. in Natural Resources Management at the University of Vermont.

Brian Webster*Wireless Mapping*

Brian Webster served for 5 years as the Telecom Data Director for the Partnership for a Connected Illinois, one of the designated entities for the National Broadband Map. He has been in the wireless and telecommunications industry for over 25 years in various capacities including the Senior Wireless Engineer for EarthLink and the City of Philadelphia Municipal Wi-Fi project. He is the Founder, President and CEO for the wireless engineering and telecommunications consulting firm WirelessMapping.com in Cooperstown, NY. A full detailed bio can be found here <https://www.linkedin.com/pub/brian-webster/4/b73/764>.

Richard Welty*OpenStreetMap US*

Richard has long been interested in mapping, going back to his years as a Boy Scout, but only became actively involved in making maps in 2009 when he joined the OpenStreetMap project. He served on the founding board of the US Chapter of OpenStreetMap and subsequently served one term as President of the organization. He is officially listed as one of the craziest mappers in NYS. Richard's professional career is an extended and varied one in the fields of IT and Computing; he teaches as an Adjunct Lecturer in the Computer Science Department at UAlbany and most recently has taught Computer Communications Networks and Computer Operating Systems.

Matthew Wilson*EDR*

Matthew Wilson has been working with GIS since 1994. He started working with Arc Map, Arc Edit and Info on a Solaris box with the New York State Biology Survey. In 1995 he moved to Connecticut to pursue an opportunity with his current employer, EDR. Since 2000 he has worked from his home in Averill Park. Matthew has been involved with .net technologies since 1997 and open source GIS tools for the last few years. His responsibilities include the overall technical direction for his group as well as the maintenance of a large production system generating thousands of reports each day. He strives to see if new technologies will impact the enterprise in a beneficial manner. As a programmer, he has a grasp of a number of languages including vb.net, c#, python and multiple flavors of SQL.

Frank Winters*NYS ITS GIS Program Office*

Frank is the director of the NYS ITS GIS Program Office. He has a Master of Science in Geography from the University of Idaho, and has been involved with GIS in New York State Government for 23 years.

Sean Wohltman*Google*

Sean is a Geospatial Scientist for Google's Maps Team. He has most recently been the technical lead for Google's Aerial Orthoimagery For Work program, and designed the workflows for provisioning and serving terabytes of imagery at scale on Google Cloud Platform. Since joining Google in 2008, he has worked to bring analytic capabilities to the Google's Geospatial platform and developed technologies to bring Google Earth and Maps to disconnected tactical and crisis-response environments. Prior to joining Google, Sean worked as a geospatial analyst in the Office of Counterterrorism and as a developer in the eGEOINT Management Office at NGA. He earned a bachelor's degree in geography from Virginia Tech in 2004, where he also earned his M.S. in geographic information science in 2005.

Jim Yienger*Climate Action Associates LLC*

Jim is Principal of Climate Action Associates (CAA) where he leads the firm's policy and technical services for state and local government clients. He has been working with local communities on energy and climate planning for more than 15 years helping them find practical solutions for protecting the environment while saving money and improving services. He is a recognized leader in New York and led a statewide GHG Working Group convened by NYSERDA to develop protocols and policy recommendations for the Climate Smart Communities Program. Prior to founding CAA, Jim led the technical division of ICLEI – Local Governments for Sustainability where he created that organizations tools and services. He has published numerous peer-reviewed papers in the fields of air pollution, emissions, climate, energy, and local sustainability.

Haoliang Yu

NBT Solutions LLC

Haoliang Yu is currently a GIS analyst in NBT Solutions LLC. His work includes database management and development of data processing procedures for projects including Vetro and FiberLocator, web applications that empower the fiber network management with modern GIS technique. Prior to joining NBT Solutions, he got a master degree in Geography at the University of New York at Buffalo and focused on solving epidemiological problems using geographic data and spatial methods. He is also an active contributor to open-source software and has a strong interest in the sharing, as well as discovering, of open data.

Robert Zitowsky

NYS Department of Transportation

Robert Zitowsky is a Senior Transportation Analyst in the Office of Traffic Safety and Mobility at the NYS Department of Transportation (NYSDOT). He is the GIS Coordinator and the Web Content Coordinator for the Office. He has worked with the Office of Traffic Safety and Mobility for one year. He has masters degrees in Applied Statistics and in Information Science.

Carol Goodman Zollweg

Bergmann Associates

Carol Goodman Zollweg is currently Senior GIS Application Developer at Bergmann Associates in Rochester, NY. She has over 25 years of experience as a software developer.

Jim Zollweg

Brockport College

James Zollweg, Ph.D., is Associate Professor of GIS and Water Resources at the College at Brockport. He has taught all elements of GIS to widely-varied audiences for the past 20 years.