



## 2012 New York State Geographic Information Systems (GIS) Conference Tuesday, May 15 - Wednesday, May 16, 2012

**The Oncenter Complex  
Syracuse, NY**

The NYS GIS conference has a long standing tradition of providing attendees with an opportunity to meet fellow New Yorkers active in the GIS field, exchange information and real experience, and seek solutions to your geographic data management needs. To continue our longstanding shared commitment to excellence in service to the New York State Geospatial Technology community of leaders, practitioners, educators and students, we have moved the 2011 NYS GIS Conference to Spring 2012.

We are excited to announce that Jeff Howe, who coined the term "crowdsourcing," will be our keynote speaker for the 2012 conference! Jeff is the author of *Crowdsourcing*, a professor of journalism at Northeastern University and a former Nieman Fellow at Harvard University. He previously worked as a contributing editor at Wire Magazine, where he published "The Rise of Crowdsourcing" in June 2006.

### What's new at the 2012 NYS GIS Conference?

#### App Garden

This year there will be a brand new feature called the **"App Garden"**. This is the modern, natural evolution of the poster session. You don't just read about it, you play with it! Visit this exciting exhibit of applications on web-based and mobile platforms. Apps have been blossoming all over. At the same time, devices and computers are becoming ever more powerful and mobile. It's a perfect storm of location based growth... so we put it in a garden! Sample the fruits of app goodness and see what terrific applications are taking root.

- 3D Building Capabilities - The Sanborn Map Company
- Central Adirondack Hiking, Biking, and Paddling for iPhone (custom app) - Linda Rockwood
- Discover Herkimer County for iPhone and Android (custom apps) - Linda Rockwood
- Election Districts with Polling Places - Svetla Borovska
- Environmental Health MapApp for Tompkins County Health Department - Svetla Borovska
- Geocortex Essentials Mobile Application - Latitude Geographics Groups Ltd.
- GeoExpress 8.5 - LizardTech
- Geospatial Solutions - Intergraph
- Imagery Collection - The Sanborn Map Company
- HTML App to Collect Pavement Distress Data in the Field for iPad or Android - Transmap Corporation
- LiDAR (Mobile/Aerial) - The Sanborn Map Company
- LiDAR Compressor - LizardTech
- MapGeo - Applied Geographics, Inc.
- Muncity GIS Data Viewer for Android - Software Consulting Associates
- Muncity GIS Web-based Data Viewer - Software Consulting Associates
- NY Recreation Interactive Webmap (Manifold IMS) - Linda Rockwood
- NY Snowmobile Trails Interactive Webpage (OpenSource) - Linda Rockwood
- Snowmobile Trails for iPhone and Android (custom app) - Linda Rockwood
- Vermont Energy Atlas and/or FastGIS - Fountains Spatial, Inc.

## **Technology Petting Zoo**

So many new devices, so little time. Come spend some quality time with the latest and greatest new technology gadgets, and yes, we will be taking them out of their cages so that you can play with them. The “**Technology Petting Zoo**” is your opportunity to get your hands dirty, try some things out, before you make your next big purchase. Talk to companies about their latest and greatest toys. This special section of the Exhibitor Hall will feature many of the latest gizmos that will make you want to take one home with you. You won’t be able to resist... don’t miss this one!

- 3D GIS - Bergmann Associates
- Capturx Digital Pen Solutions - GIS Services
- GPS Hardware/Software - Waypoint Technology Group
- Mobile Attribute Collection - The Sanborn Map Company
- Rico GIS/GPS Cameras - GIS Services

## **Thank you to our 2012 sponsors and exhibitors!**

### **Platinum Sponsor**

- The Sanborn Map Company

### **Silver Sponsors**

- Esri
- Intergraph
- Waypoint Technology Group

### **Bronze Sponsors**

- Best Buy
- Bowne Management Systems
- Latitude Geographics Group Ltd.
- MRB Group Engineering, Architecture & Surveying, P.C.
- O'Brien & Gere
- Photo Science
- WillowTree Apps

### **Exhibitors**

- ADMAR Supply
- Applied Geographics, Inc.
- Applied Imagery
- Axis Geospatial, LLC
- Bergmann Associates
- Buffalo Computer Graphics
- Carlson Software
- CNY-ASPRS
- Cornell Lab of Ornithology
- Fountains Spatial, Inc.
- GIS Services
- Keystone Precision Instruments
- NYS GIS Association
- Software Consulting Associates
- TerraGo Technologies
- Transmap Corporation



## Speakers 27th Annual New York State GIS Conference



### **Keynote Speaker**

**Jeff Howe**

#### **Author, *Crowdsourcing***

Jeff Howe is a professor of journalism at Northeastern University in Boston, Massachusetts and a former Nieman Fellow at Harvard University. He previously worked as a contributing editor at Wired Magazine, where he covered the media and entertainment industries. In June 2006 he published "The Rise of Crowdsourcing" in Wired. In September 2008 he published a book on the subject for Random House. The book has been translated into 11 languages. Before coming to Wired in 2001 he was a senior editor at Inside.com and a writer at the Village Voice. In his 20 years as a journalist he has traveled around the world working on stories ranging from the impending water crisis in Central Asia to the implications of gene patenting. He has written for Time, U.S. News & World Report, The Washington Post, Mother Jones and numerous other publications. He lives in Cambridge with his wife and two children.

## Specialized Spatial Spotlight Presenters

### ***LiDAR: What's the Point?***

#### **Ron Frederiks, NYS Department of Transportation**

Ron Frederiks has been at the New York State Department of Transportation (NYSDOT) for 27 years and is the Head of the Photogrammetry and Survey Section. He holds a Masters Degree in Civil and Environmental Engineering from the University of Wisconsin, Madison and has been a Certified Photogrammetrist (ASPRS) since 1991. Ron has been involved with LiDAR since 2006, and has worked with Airborne, Mobile and Terrestrial LiDAR. LiDAR at NYSDOT is being used in Engineering Design, Structures, Construction and Geotechnical Applications.

#### **Karen Kwasnowski, GroundPoint Technologies, LLC**

Mrs. Kwasnowski has 15 years experience as a senior GIS technologist with a broad range of LiDAR and other remote sensing and geospatial project experience. She is co-founder of GroundPoint Technologies and currently oversees all of GroundPoint's technical production. She has successfully lead LiDAR and GIS projects for a range of government agencies at the County and State level, and for Federal Agencies such as the National Aeronautics and Space Administration (NASA). Her specialties include quality control and accuracy assessment of LiDAR data and the development of terrain products for GIS integration.

#### **Charles Mondello, Pictometry**

Charles Mondello is the Deputy Chief Technology Officer at Pictometry. In this role, he provides corporate direction for the overall development and growth of the Company and is actively involved in Engineering, Production, Marketing, and Sales. He focuses upon Pictometry offerings involving the interconnection between customer requirements and the technologies used by the Corporation.

Mondello's career has included multiple leadership roles including Executive Vice President of Corporate Development at Pictometry. Here he was involved in the creation of many of the new business areas supporting Pictometry clients worldwide. He formerly was Director of Technical Development and Marketing for Earth Data Technologies. He directed the marketing of Litton's Emerge product line and led both government and commercial remote sensing programs at the Eastman Kodak Company. While with Kodak, Mondello was also responsible for the Aerial Systems product line covering Film and Digital Product Development and Marketing. He worked with the Federal Government as well, managing large data collection and processing systems.

Widely recognized by his peers in the profession, Mondello's accomplishments have included selection as the Director of the American Society of Photogrammetry and Remote Sensing's (ASPRS) Primary Data Acquisition Division; as well as his election to serve as the Director of the ASPRS 10 Year Remote Sensing Strategic Forecast. Mondello developed the Digital Aerial Guideline for ASPRS and has received numerous ASPRS Presidential Citations. He currently chairs a team developing the industry guidance on the procurement of Geospatial Products. Most recently, Mondello was selected to serve on the inaugural National Geospatial Advisory Committee led by U.S. Secretary of the Interior, Dirk Kempthorne.

Mondello has a Master's degree and a Bachelor's degree in Imaging Science from the Rochester Institute of Technology. He is certified as a Geographic Information Systems Professional (GISP).

### ***Get Your Head in the Cloud***

#### **Learon Dalby, The Sanborn Map Company**

Mr. Dalby has more than 15 years of experience in systems integration, project management and enterprise deployments, specializing in the integration of new and existing spatial technologies. Prior to joining Sanborn, Mr. Dalby served as the State of Arkansas GIS Program Manager and solution architect for geographic information systems. As Program Manager he had notable success directing a broad range of enterprise initiatives; participating in planning, analysis, and implementation of solutions in support of business objectives working with the private and public sector at all levels of government. Mr. Dalby has extensive experience working with executives at all levels of government to implement spatial technologies to improve productivity. Mr. Dalby holds a BS degree in Biology from the University of Arkansas at Little Rock.

#### **Mike Evanoff, Google Earth Enterprise**

Mike Evanoff (BSEE '82 Cornell University, MSEE '91 Johns Hopkins University) is an accidental geospatial professional. After finishing his required stint in the Navy to pay off his Navy ROTC scholarship, he returned to electrical engineering focusing mostly on digital signal processing. DSP led to expertise in high performance computing which led to setting up a very expensive satellite and imagery networking and computing infrastructures at the CIA. He has seen the transition from \$1M specialty built workstations that could only process a single image to today's capability of accessing hundreds of terabytes of imagery via Google Maps on a smart phone. He has worked for the past five years as a geospatial engineer in Google's Enterprise group concentrating on bringing Google technologies to public and private sector companies. Mike is a retired Navy Commander, lives in Falls Church with his wife and one remaining dependent son, rides a bike to work, and travels a lot.

#### **Joseph D. Fagnoli, The RITRE Corporation**

Joseph D. Fagnoli has been conducting pioneering work in the remote sensing and GIS field for over 20 years working with both airborne and spaceborne collection systems for Commercial, Civil, DOD and Intelligence customers. His work has focused on the tailored design and use of panchromatic, multispectral, hyper spectral and lidar collection platforms in order to optimally apply remote sensing and data processing, exploitation and dissemination techniques within GIS systems to high value customer problem sets thus driving the value of collection data. Upon the onset of the most recent technical sea-state change brought about by cloud computing he has worked within the Government to recommend paths for applying these technologies into a new generation of remote sensing and GIS systems. To further accelerate the adoption of these technologies he joined the RITRE Corporation out of Rochester, NY with focus on the convergence of Cloud Computing with Remote Sensing and GIS systems with particular emphasis on applying these problems to addressing the needs at the local community level in innovative ways to contribute to the process of community building to begin a process of collective transformation. He holds an MS degrees from George Washington University in Telecommunications and Computers, the University of Rochester Institute of Optics as well as SUNY @ Buffalo in Electrical And Computer Engineering.

#### **James Higgins, Esri**

James Higgins is an information technology professional with 18 years of experience designing and implementing geographic information systems. For the last 13 years he has worked at Esri and now serves as the Sector Manager for the Global Water Utility Practice and Regional Sales Manager for the Northeastern United States. An expert in relating geospatial concepts and technology with utility business processes, James is frequently called upon as a guest lecturer and keynote speaker at utilities, industry associations, and international conferences.

**Tyson Schallipp, Google Earth Enterprise**

Tyson Schallipp is responsible for Sales at Google for the North East Public Sector. He has worked with many organizations in developing Cloud Computing strategies that can empower organizations for the future of work.

***Crisis Response*****Glen Aichinger, National Grid**

Glen Aichinger is National Grid's Manager of Electric Emergency Planning for Upstate New York. Glen has been with National Grid for more than 20 years and has held various positions in the company which include customer account management for some of the largest commercial and municipal accounts, Field Operations, and currently Emergency Planning. Glen has a Masters of Engineering from the State University of New York at Buffalo and a Bachelors degree in Mechanical Engineering from the Rochester Institute of Technology. While in Operations, Glen managed the logistics section for National Grid with regards to their Emergency Response Plan in their Western Division. Presently, his role in Emergency Planning is to manage the Electric Emergency Response Plan for National Grid in upstate New York and represent the Company in the New York Mutual Aid Group.

**David Brotzman, Vermont Center for Geographic Information**

Mr. Brotzman is the Executive Director of the Vermont Center for Geographic Information (VCGI), a government non-profit organization created by the State of Vermont to support the development of GIS, data standards and data distribution in the state. Previously, David worked as a senior systems consultant for British Aerospace Engineering Inc. and Intergraph Corp. in support of federal imagery and mapping system design, development and implementation. David has 30+ years of involvement with geospatial project management and related technologies.

**Dave MacEwan, NYS Department of Transportation**

Dave MacEwan is currently a Local Programs Liaison for the New York State Department of Transportation in the Region 9 (Binghamton) office. Based on his previous twelve years as regional GIS Coordinator, ICS/NIMS training, and experience in various emergency events, Dave is also the Road Status/Damage Assessment (RSDA) Team Leader in the region's incident command organization. The RSDA Tool is a simple GIS client/server system for collecting and tracking the condition of highways and other assets; in Region 9, it was used extensively in Broome, Chenango, Schoharie and Tioga counties during the 2011 floods. Dave holds a B.S. in Civil Engineering from Clarkson University and an M.A. in Geography from the State University of New York at Binghamton. He has been with NYSDOT for over 17 years.

**Jim McConnell, NYC Office of Emergency Management**

James McConnell, New York City's Office of Emergency Management's Assistant Commissioner for Strategic Data, joined OEM in September 2001 to direct Geographic Information Systems (GIS). The GIS staff is responsible for providing reliable geospatial data to long-term planners and to decision makers during emergencies. The division's major efforts include the development of the Public Safety GIS Data Development Center, the collection of critical infrastructure data sets and regional GIS data sets, and the development of an OEM Intranet mapping service. Previous to his work at OEM, McConnell worked for 16 years at the NYC Department of City Planning as an Associate City Planner. He managed neighborhood rezoning, community-based planning efforts, and the training of planners in the use of GIS. McConnell has a bachelor's degree from Binghamton University and was a Public Service Scholar at Hunter College (Graduate Program in Urban Planning).

**Dan O'Brien, NYS Office of Emergency Management**

Dan O'Brien has been with the New York State Office of Emergency Management (previously New York State Emergency Management Office) for 25 years where he has served as the agency's only full-time GIS staff. He has a B.A. from St. Lawrence University and a M.R.P. from the University at Albany – SUNY. He lives in Grafton, NY with his wife and two teenage sons. When not at work or home, chances are he is out bushwhacking through the forests of Rensselaer County or the Adirondack Mountains (with or without a map).

**Mike Praeger, NYS Office of Cyber Security**

Mike Praeger graduated from SUNY Plattsburgh with a BA Environmental Science, GIS Minor. In 2007, he began working for Division of Homeland Security & Emergency Services – Office of Cyber Security as an ITS2\GIS Specialist and member of the NYS Incident Management Team. His main duties for DHSES-OCS are data improvement and

analysis. His first out-of state deployment was in 2008 for Hurricane Gustav in Houma, Louisiana. Prior to Hurricane Irene making landfall in New York, he was staffed at the NYS EOC in Albany as GIS staff. The Monday after landfall, he was re-assigned to the Incident Command Post in Cobleskill NY where I was the GIS Lead. His main daily duties were producing updated road closures maps, the bulk of this information was provided via the DOT Road Status Damage Assessment (RSDA) software.

### ***Think Spatially, Act Locally***

#### **Kate Burns, Elgin County**

Kate Burns is the Business Development Coordinator for Elgin County and has been working with Elgin since 2008. She has her BA in Communications from Wilfrid Laurier University and a Post Graduate in Public Relations and Corporate Communications from Fanshawe College. Prior to joining the team in Elgin County, Kate gained experience in marketing, event planning and program management, with the not-for profit sector and the federal government. Kate is an active volunteer in the community. Having served on the boards of the St. Thomas Stars Jr. B Hockey Team, North America Railway Hall of Fame as well as helping organize many community events.

#### **Butch Conover, City of Rome**

Butch has been employed with the City of Rome for 23 years in the water & wastewater industry. He is currently the Superintendent of Water and Streets and oversee the maintenance of water, sewer, storm, streets and Administrator for the city's GIS network.

#### **Tyson Edwards, Township of Malahide**

Tyson Edwards is the GIS/Social Marketing Technician for the Township of Malahide and has been working with Malahide since 2007. He has his Diploma in GIS & Urban Planning and Graphic Design from Fanshawe College. He started as a student helping build the GIS system for Malahide. Since then, Malahide has been able to develop its GIS system to enable it to contract GIS services to six other neighbouring municipalities and the County of Elgin. Tyson provides GIS training, web mapping, custom analysis work, and now mobile solutions. Most recently, Malahide through Tyson's lead has been testing the power of merging social media, GIS, and mobile devices.

#### **Steve Signell, SUNY-ESF Adirondack Ecological Center**

Steve Signell is a GIS specialist at the SUNY-ESF Adirondack Ecological Center in Newcomb, NY. He provides spatial support for the NYS Department of Environmental Conservation and coordinates the activities of the Adirondack Park Regional GIS (APR-GIS) Consortium.





## Tentative Agenda

### 27th Annual New York State GIS Conference

#### Tuesday, May 15- ESF Campus & O'Brien & Gere

|                 |   |
|-----------------|---|
| 8:15 am         | <b>Registration in Baker Atrium, ESF Campus</b>   |
| 9:00 - 12:00 pm | <p><b>NYS Geocortex User Group Meeting</b></p> <p>Set aside a morning and join fellow Geocortex users, administrators, partners and others for interactive discussion and presentations around Geocortex technology.</p>  |
| 9:30 - 12:00 pm | <p><b>iMapInvasives Training</b></p> <p>iMapInvasives is an online mapping tool that supports efforts to protect New York State from invasive species. Learn about the program and become trained to contribute data by attending an iMapInvasives training session!</p> <p>The New York Natural Heritage Program and the Finger Lakes Partnership for Regional Invasive Species Management will be offering a free iMapInvasives Training on at SUNY-ESF. The training will offer options from basic (observation) to advanced (survey, assessment and treatment) data entry. All interested groups, from land managers to the general public, are encouraged to attend and help keep the NYS map up-to-date and accurate by reporting invasive species locations. Conservation professionals can also use the system to manage detailed information about infestations and treatments.</p>  |
| 12:30 - 4:30 pm | <p><b>Registration in Baker Atrium, ESF Campus &amp; O'Brien and Gere</b></p> <p><b>Seminars and Workshops</b> (included in conference registration)</p> <p><b>Smart Phone App Development Workshop - SUNY-ESF Campus</b></p> <p>Ever want to know how to develop some of those great smartphone applications everyone's using? Come to this workshop, and get a sense for how it's done. This workshop will provide a general overview of the tools, skills, and registration requirements needed to get smartphone apps published. We'll discuss the three primary platforms - iOS, Android, and Blackberry, and compare and contrast their various pros and cons. With the explosion of geo-intelligent devices in everyone's hands, the ability to exploit these tools for customized geocentric information, inventories, and applications is boundless. Whether you're a developer, or someone who just wants a better understanding of what's inside that little black box, come learn how you can be part of this tremendous wave.</p> <ul style="list-style-type: none"> <li>Michael Lake, WillowTree Apps</li> </ul> <p><b>LiDAR Workshop - SUNY-ESF Campus</b></p> <p>LiDAR (light detection and ranging) and other acquisition technologies are developing rapidly. The demand for high-quality elevation data has also increased significantly. This workshop will discuss the needs for high-resolution elevation data including an introduction to Lidar data, and examples of Lidar data applications. The participant will have hands-on experience implementing LIDAR data into GIS projects.</p> <ul style="list-style-type: none"> <li>Dave Tewksbury, Hamilton College</li> </ul> <p><b>ArcGIS and AutoCAD Civil / Map 3D Workshop -O'Brien &amp; Gere</b></p> <p><i>Interoperability Between ArcGIS and AutoCAD Civil 3D / Map 3D (Part 1)</i></p> <p>This workshop will demonstrate numerous methods in which users can Leverage GIS Data in CAD and vice versa. Topics include import export, Connecting to and utilizing Feature Sources on the CAD side, and using CAD dwg information on the GIS side. Special attention is made to real world Design and GIS project scenario's where collaboration between GIS and CAD teams is critical. The intent of this session is to give the participant a clear view of bringing the two worlds together as seamlessly as possible. Classroom machines will be set up for participants to explore on their own.</p> <ul style="list-style-type: none"> <li>Chuck Pietra, O'Brien &amp; Gere</li> <li>Joe Segretto, O'Brien &amp; Gere</li> </ul> |

|             |   |
|-------------|---|
|             | <p><i>ArcGIS Tips and Tricks: Increase Efficiency with Optimized Maps (Part 2)</i></p> <p>There are many different techniques that can be used to increase the performance of your maps in ArcGIS. Making small changes to the properties of your layers and data frames can have a dramatic effect on performance. Learn techniques to optimize your maps to create a better platform for geographic analysis, and increase your editing productivity.</p> <ul style="list-style-type: none"> <li>Joe Segretto, O'Brien &amp; Gere</li> </ul>  |
|             | <p><b>Open Source GIS Workshop - SUNY-ESF Campus</b></p> <p>Do you ever feel like innovation in map production and online mapping tools is happening at a rate you can't keep up with? Would you like to start learning how to use open source and online technologies but you don't know where to begin? This hands-on workshop will provide the basic skills needed to utilize emerging geospatial tools for creating, analyzing, and publishing geospatial data. We will cover technologies such as MapWindows, Quantum GIS, TileMill and Google Fusion Tables, and other emerging open source technologies. Attendees must bring their own laptop.</p> <ul style="list-style-type: none"> <li>Dr. John Van Hoesen, Green Mountain College</li> </ul>  |
|             | <p><b>Dealing with Data: Sources, Structures, and Solutions Seminar - SUNY-ESF Campus</b></p> <p>This four-hour seminar will address the challenges associated with the need to acquire and use geospatial data. The seminar presenters will include representatives from some of the federal and state agencies that distribute data within New York State. Datasets considered will cover a variety of application areas including water, air, soil, elevation, administrative, environmental, and imagery sources. The first part of the seminar will consider the process of obtaining data, will identify what is unique about particular datasets, and will identify some of the challenges and pitfalls associated with using the data including the preprocessing needed to convert tabular data into a spatial form and dealing with projections and datums. The second part of the seminar will demonstrate a variety of applications that highlight the traps, issues and limitations with performing analysis and producing map output.</p> <ul style="list-style-type: none"> <li>Dr. Joe Francis, Cornell University</li> <li>Douglas Freehafer, USGS</li> <li>Dr. Eric Greenfield, US Forest Service</li> <li>Frank Winters, NYS Office of Cyber Security</li> </ul> |
| 5:00 - 7:00 | <b>Networking reception</b> at the Oncenter Complex   |

### Wednesday, May 16- The Oncenter

|         |   |  |   |  |
|---------|---|--|---|--|
| 7:30 am | <b>Registration and Continental Breakfast</b>   |  |   |  |
| 8:30    | <b>Welcome and Introduction</b>   |  |   |  |
| 8:45    | <b>Keynote Presentation: The Rise of Crowdsourcing</b><br>Jeff Howe, Author, <i>Crowdsourcing</i>   |  |   |  |
| 9:30    | <b>Visit the Exhibitors, App Garden, and Technology Petting Zoo</b>   |  |   |  |
| 11:00   | <b>Special Spatial Spotlights</b>   |  |   |  |
|         | <b>LiDAR: What's the Point?</b><br>Did you ever wonder what LiDAR is used for? Experienced LiDAR users will tell their tales and woes of what to expect from this high gear technology. Can LiDAR surfaces be improved? What can you expect from the data? Can you integrate LiDAR with other data layers? Three presenters will give you information | <b>Get Your Head in the Cloud</b><br>Did you ever wonder what's in the Cloud? Here is your chance to learn about some different GIS Cloud computing applications that are available to you. Cloud computing is an efficient way to utilize GIS services without the initial costs for hardware and software in many cases. Also, it will free you from having to | <b>Crisis Response</b><br>This session will delve into the use of GIS in emergency response in New York and in neighboring states. The session will start with 45 minutes of presentations by expert panelists that used GIS to respond to the recent flooding in New York and Vermont from Hurricane Irene as well as the response to the other incidents. Panelists will be | <b>Think Spatially, Act Locally</b><br>Do you want to see how geospatial technology is being used or could be used by local governments? This is your lucky day! You will have a chance to see what others are doing with GIS and how it could be replicated possibly within your own organization. Having the ability to understand |



|          |   |  |  |  |
|----------|---|--|--|--|
|          | <p>about their particular projects; perhaps giving you ideas about how to incorporate LiDAR into your daily GIS projects. At the end of the presentations, the panel will entertain questions and discussions about the role of LiDAR today and in the future. This could be your next step into the 3-D world of tomorrow.</p> <ul style="list-style-type: none"> <li>• Ron Frederiks, NYS Department of Transportation</li> <li>• Karen Kwasnowski, GroundPoint Technologies</li> <li>• Charles Mondello, Pictometry</li> </ul> | <p>maintain servers and other equipment. It can also give you more flexibility by allowing you to be more mobile by allowing you access to GIS functionality online. During this session, presenters from the geospatial community will give their perspectives on the benefits of using the Cloud to publish and share your spatial data.</p> <ul style="list-style-type: none"> <li>• Mike Evanoff, Google Earth Enterprise</li> <li>• Tyson Schallipp, Google Earth Enterprise</li> <li>• Joseph D. Fagnoli, The RITRE Corporation</li> <li>• James Higgins, Esri</li> <li>• Learon Dalby, The Sanborn Map Company</li> </ul> | <p>asked to talk about applications developed, the use of “crowd sourced” data and their recommendations for the most effective use of GIS in meeting the needs of their emergency management communities. Following those presentations, a scenario depicting an emergency will be provided to the attendees and a series of questions will lead the audience to determine ways to respond to those questions as well as expected outcomes and risks. The expert panelists will also be asked for their opinions and the cumulative answers will be recorded. The scenario, questions and answers will be made available to all attendees for future reference.</p> <ul style="list-style-type: none"> <li>• Glen Aichinger, National Grid</li> <li>• Dave Brotzman, Vermont Center for Geographic Information</li> <li>• Dave MacEwan, NYS Department of Transportation</li> <li>• Jim McConnell, NYC Office of Emergency Management</li> <li>• Dan O'Brien, NYS Office of Emergency Management</li> <li>• Mike Praeger, NYS Office of Cyber Security</li> </ul> | <p>different geospatial technologies and how they work together can be the difference in making an informative decision and increasing your efficiencies.</p> <ul style="list-style-type: none"> <li>• Kate Burns, YouTown Mobile App</li> <li>• Butch Conover, City of Rome</li> <li>• Tyson Edwards, YouTown Mobile App</li> <li>• Steve Signell, SUNY-ESF Adirondack Ecological Center</li> </ul> |
| 12:30 pm | <b>Lunch</b>  |  |  |  |
| 1:30     | <b>NYS GIS Association Meeting</b>  |  |  |  |
| 2:30     | <b>Visit the Exhibitors, App Garden, and Technology Petting Zoo</b>   |  |  |  |
| 3:30     | <b>Keynote Presentation: The Results of Crowdsourcing</b><br>Jeff Howe, Author, <i>Crowdsourcing</i>  |  |  |  |
| 4:00     | <b>Conference Concludes</b>   |  |  |  |



## Advisory Council 27th Annual New York State GIS Conference

| Advisory Council Member | Affiliation   |
|-------------------------|---|
| John Barge              | Adirondack Park Agency Mapping Technologist, NYS Adirondack Park Agency                           |
| Dr. Eddie Bevilacqua    | Associate Professor, SUNY College of Environmental Science and Forestry                           |
| Clark Burdick           | GIS Consultant  |
| Alexander Chaucer       | GIS Instructional Technologist, Skidmore College  |
| Mickey Dietrich         | GIS Specialist, Tug Hill Commission   |
| Dr. Lee Herrington      | Distinguished Teaching Professor, SUNY College of Environmental Science and Forestry              |
| Eric Herman             | GIS Program Manager, NYS Thruway Authority  |
| William Johnson         | Deputy Director, Office of Cyber Security, NYS Division of Homeland Security & Emergency Services |
| Cathy Keenan            | GIS Coordinator, USDA Natural Resources Conservation Service                                      |
| Verne LaClair           | GIS Services Manager, PAR Government Systems Corp.  |
| Susan Nixon             | GIS Specialist, City of Ithaca  |
| Bruce Oswald            | President, NYS GIS Association  |
| Dr. Lindi Quackenbush   | Assistant Professor, SUNY College of Environmental Science and Forestry                           |
| Paul Szemkow            | Instructional Support Specialist, SUNY College of Environmental Science and Forestry              |