

2015 NYGeoCon Technical Session Matrix

Multiple sessions within tracks are listed in order of presentation

Thursday, October 29				
Technical Session 1				
MODERATOR	Susan Nixon	Andy Mendola	Lindi Quackenbush	Razy Kased
Meeting Room	Hudson Ballroom	Chambers	Old Kelsey's	Governor's Ballroom
9:00am – 9:30am	<p><u>Local</u></p> <p>Local Government “Common Core” Geospatial Business Needs: GIS Justification Begins Here Sam Wear, Westchester County GIS</p>	<p><u>Data and Analysis</u></p> <p>GPU Computing for GIS James Mower, University at Albany</p>	<p><u>Climate and Environment</u></p> <p>Newtown Creek: 19th Century Maps as Predictors of 21st Century Environmental Legacy Peter Spellane, New York City College of Technology CUNY</p> <p>Two Web Applications Addressing Climate Change and Community Resilience David Healy, Stone Environmental, Inc.; Katie Budreski, Stone Environmental, Inc.</p>	<p><u>UAV & Lidar</u></p> <p>Spatial and Temporal Changes of Parking Lot Land Use at SUNY Buffalo State Applying Unmanned Helicopter Remote Sensing Tao Tang, SUNY Buffalo State</p> <p>The Data Quality Triangle Ben Houston, Spatial Analytix, LLC</p> <p>Generating Viewshed Maps of Northern New York using ArcGIS ModelBuilder Austin Hart, St. Lawrence University</p>
9:30am – 10:00am	<p>Enhancing GIS for All Municipalities in New York State—Part I Susan Nixon, NYS GIS Association; Mickey Dietrich, NYS GIS Association</p>	<p>Knowledge from Pixels Sean Wohltman, Google</p> <p>Integrating Pictometry into your Workflow Jon Langstaff, EagleView Technologies</p>	<p><u>Career</u></p> <p>State GIS Career Opportunities Frank Winters, NYS ITS GIS Program Office Bill Johnson, NYSITS</p> <p>Graduate GIS Programs at the University at Albany James Mower, University at Albany</p>	<p><u>Transportation & Safety</u></p> <p>Enterprise Linear Referencing at NYSDOT - One Highway Network to Support Many Business Processes Kevin Hunt, NYS Office of Information Technology Services</p> <p>Analyzing Traffic Accident Data Using ALIS Robert Zitowski, NYS Department of Transportation</p>
10:00am – 10:30am	<p>Enhancing GIS for All Municipalities in New York State—Part II Susan Nixon, NYS GIS Association; Mickey Dietrich, NYS GIS Association</p>	<p>Lessons Learned in Small Area Spatial Analyses of Health Outcomes Tabassum Insaf, New York State Department of Health</p>	<p>Developing a Tech Hub to Promote the Use of Geographic Information System Technology Mary Perrelli, SUNY Buffalo State, Dept. Geography and Planning</p>	

Thursday, October 29

Technical Session 2

MODERATOR	Mickey Dietrich	Mike Ross	Lindi Quackenbush	Razy Kased
Meeting Room	Hudson Ballroom	Chambers	Old Kelsey's	Governor's Ballroom
3:00pm – 3:30pm	<p><u>Open Source</u></p> <p>Open Source Panel Michael Byrne, Consumer Financial Protection Bureau; Sean Myers, NBT Solutions; Colin Reilly, New York City Department of Information Technology and Telecommunications;</p>	<p><u>Collaboration</u></p> <p>The Gateway: A Portal Story Jeffery Herter, NY Department of State, Office of Planning & Development; Liz Podowski, New York Department of State; Katie Budreski, Stone Environmental</p>	<p><u>Lidar</u></p> <p>Urban Storm Water Mapping Challenges: A Los Angeles County Case Study Karen Kwasnowski, GroundPoint Technologies, LLC; Benjamin Houston, GroundPoint Technologies, LLC</p>	<p><u>Mobile</u></p> <p>Growing Trend to Use Your Own Device (e.g., Smartphone and Tablets) for Field Data Collection Austin Fisher, Fountains Spatial, Inc.</p>
3:30pm – 4:00pm	<p>Michael Ternier, Applied Geographics, Inc.</p>	<p>Expanding County – Local Government GIS Collaboration with ESRI Server Technology Sam Wear, Westchester County GIS</p>	<p>Take Flight Greg Hale, HALE Technology in Practice</p>	

Friday, October 30

Technical Session 3

MODERATOR	Tom Sears	Bill Johnson	Susan Nixon	Eric Herman
Meeting Room	Hudson Ballroom	Chambers	Old Kelsey's	Governor's Ballroom
8:30am – 10:00am	<p><u>Climate and Environment</u></p> <p><i>Geo-Spatial Methodologies to Quantify Environmental Issues Facing Coastal Florida – Case Studies</i> Samuel Rajasekhar, EDR</p>	<p><u>Broadband & Statewide Data</u></p> <p><i>Showing Your Local Data in Conjunction with Other Important Telecommunications and Infrastructure Information and Making that Available to Planners and Users</i> Brian Webster, Wireless Mapping Inc.</p>	<p><u>Municipal and Census</u></p> <p><i>An Open Source GIS Solution to Integrating Municipal Drinking Water Systems</i> Zakkary Hess, Student State University of New York at Fredonia</p>	<p><u>Web Mapping</u></p> <p><i>How to Troubleshoot a Slow Web Mapping Application and Optimize Your ArcGIS Server</i> Vijay Sambandhan, Bergmann Associates</p>
	<p><i>How Geographic Information System (GIS) Data and Application Tools Can Be Used to Inform Renewable Energy Decisions: A Case Study</i> Katie Budreski, Stone Environmental, Inc.; David Healy, Stone Environmental, Inc.</p>	<p><i>How GIS and Web Mapping will Support the Next Generation of Broadband Services</i> Sean Myers, NBT Solutions</p>	<p><i>Real World Lessons Learned From Multiple Enterprise GIS Migrations to the Cloud</i> Jim Hall, Bowne Management Systems</p>	<p><i>Visionmaker NYC: A New Web-Based Urban Sustainability Visioning Tool</i> Kim Fisher, Wildlife Conservation Society; Mario Giampieri, Conservation Innovation Program; Eric Sanderson, Wildlife Conservation Society</p>
	<p><i>GIS and Green Infrastructure in New York City</i> Richard Bartholomew, Arup</p>	<p><i>Same Name, Different SAM</i> Craig Fargione, NYS ITS GIS Program Office; Rodger Coryell, NYS ITS GIS Program Office</p>	<p><i>Utilizing Data From American Fact Finder with TIGER/Line Shapefiles in ArcGIS</i> Web Adams, US Census Bureau</p>	<p><i>Modern Web Mapping for Local Governments</i> David Breeding, AppGeo</p>
	<p><i>Agricultural Non-point Source Pollution Control Program and GIS – a Perfect Match</i> Lauren Lyons-Swift, Soil and Water Conservation Committee</p>	<p><i>An Overview of NYS' Statewide Parcel Map Program</i> Katherine Kiyanita, NYS GIS Program</p>	<p><i>40 Years of Long Island's Changing Demographics</i> Steven Romalewski, CUNY Graduate Center</p>	<p><i>Building a Cultural Resource Database: An Introduction to New York State's Cultural Resource Information System (CRIS)</i> Michael Schifferli, NYS Office of Parks, Recreation & Historic Preservation</p>

Friday, October 30

Technical Session 4

MODERATOR	Tom Sears	Ben Houston	Eric Herman	Bill Johnson
Meeting Room	Hudson Ballroom	Chambers	Old Kelsey's	Governor's Ballroom
	<u>Climate and Environment</u>	<u>Lidar</u>	<u>Open Source</u>	<u>Open Source</u>
10:30am – 11:00am	<p><i>The National Community Energy Registry: A Flexible Geospatial Platform for Utilities to Publish Energy Metrics to Support State and Local Sustainability and GHG Mitigation Planning</i> Jim Yienger, Climate Action Associates LLC</p>	<p><i>Mobile LiDAR - Revolutionized 3D Data Collection</i> Michael Pianka, MJ Engineering & Land Surveying, PC</p>	<p><i>OpenStreetMap: State of the Map - New York</i> Richard Welty, OpenStreetMap US</p>	<p><i>Using GDAL/AWS for Historical Aerial Photo Manipulation in a Production Environment</i> Matthew Wilson, EDR</p> <p><i>GISing After Graduation - Real-Time Tweets Map</i> Qingyu Ma, Evolution Maps</p> <p><i>Discovering the Geography of Data Opening at Data.gov</i> Haoliang Yu, NBT Solutions</p>
11:00am – 11:30am	<p><i>Open Sewer Atlas NYC; A GIS Exploration of Combined Sewer Infrastructure and Intervention Strategies at the Community Scale</i> Korin Tangtrakul, Open Sewer Atlas NYC</p> <p><i>Modeling Restrictive Layers in Soils that Contribute to Surface Runoff</i> Melissa Albino Hegeman, Penn State University</p>	<p><i>NY Statewide Elevation Program</i> Jeffrey Langella, NYS GIS Program Office</p> <p><i>Using 3D GIS Geodesign to Visualize Planning</i> Eric Brady, Bergmann Associates</p>	<p><i>An Array of Open Source Initiatives from the GIS Librarian World</i> Frank Donnelly, Baruch College CUNY</p> <p><i>If It's Free It's for Me!</i> Michael Naughton, Town of Huntington</p>	<p><u>Emergency Management/ Web Mapping</u></p> <p><i>Guidance for GIS Professionals Assisting Emergency Managers in State and Local Governments</i> Bruce Oswald, Oswald Associates</p> <p><i>Three Map-cooking Recipes With Step-by-Step Instructions and Tips</i> Svetla Borovska, Tompkins County NY</p>
11:30am – 12:00pm	<p><i>How Woodside Properties is Using GIS to Manage its Facilities</i> Patrick McLoughlin, Spatial Systems Associates, Inc.</p>	<p><i>Basic Introduction to Handheld Laser Scanning: Employing SLAM-based LIDAR Technology for Spatial Imaging</i> Bill Gutelius, Qntfi, Inc.</p>	<p><i>Google Raised the Bar, Now Jump Over It</i> Linda Rockwood, Mohawk Valley GIS; David Vail, Mohawk Valley GIS</p>	<p><i>Land Manager GIS</i> Ross Baldwin, Town of Southampton; John Daly, Town of Southampton; James Gormley, Town of Southampton</p>

Friday, October 30			
Technical Session 5			
MODERATOR	Tom Sears	Bruce Oswald	Mickey Dietrich
Meeting Room	Hudson Ballroom	Chambers	Old Kelsey's
	<u>Municipality</u>	<u>Transportation and Safety</u>	<u>Mobile and 3D</u>
1:00pm – 1:30pm	<p><i>What's in a Name? Unique Asset Identification using USNG Coordinates</i> Elisabetta DeGironimo, Mohawk Valley Water Authority</p>	<p><i>The Role of GIS in 9-1-1</i> Jason Baum, NYS ITS – GIS Program Office; Gerald Engstrom Jr., New York State Police</p>	<p><i>Low Cost GPS Accuracy Improvements for Mobile Data Collection</i> Michael Naughton, Town of Huntington</p>
1:30pm – 2:00pm	<p><i>Connecting Geospatial Education with Industry and Government: A New York Experience</i> Andrew Mendola, Pictometry; Susan Hoskins, Cornell University; Heather Pierce, Monroe College</p>	<p><i>Using a Fishnet to Catch Crime Hot Spots</i> Paula Cutrone, Onondaga Crime Analysis Center</p>	<p><i>"SeeClickFix": Location Based NonEmergency Reporting in Albany</i> Andrew Johnston, SeeClickFix; Sarah Kampf, City of Albany</p>
2:00pm – 2:30pm	<p><i>The City of Rochester's Enterprise GIS Transformation</i> Michael Ross, City of Rochester</p>	<p><i>G-MAP: The Port Authority of NY & NJ's Goods Movement Action Program and Regional Truck Route Geodatabase</i> Danielle Hartman, CH2M; Ahmed Ismail, Port Authority of New York & New Jersey</p>	