

# GIS/SIG 22nd Annual Spatial/Digital Mapping Conference

Co-hosted by Central New York ASPRS

April 16, 2013

Burgundy Basin Inn Pittsford, New York



- 7:00 - 8:00 Vendor Setup
- 8:00 - 8:45 Registration and Vendor Exhibits with Continental Breakfast - Lobby and Grand Room - Breakfast sponsored by ESRI
- 8:45 - 9:00 Welcome and GIS/SIG Highlights - Mike Ross, GIS/SIG President - Grand Room
- 9:00 - 10:00 Keynote Address - Grand Room



## “What’s the State of the State’s GIS?”

Bill Johnson

Director, GIS Programs Office

NYS Office of Information Technology Services (ITS)

10:00 - 10:15 Coffee Break, Vendor Exhibits and Map Contest Session - Grand Room - Refreshments Sponsored by Waypoint Technology Group

10:15 - 11:15 Concurrent Session 1A, 1B and 1C

### STATE ROOM

### BURGUNDY ROOM

### EMPIRE ROOM

#### Session 1A - Real Time Mapping

Moderator: Dan Allen, GISP, MRB Group

- (10:15) Into the 4th Dimension: Mapping Over Time - Jeff Henderson, *One Million Revolutions*
- (10:45) Near Real Time Delivery of Airborne Ortho-Imagery to GIS Users - Donald McKeown, *Rochester Institute of Technology*

#### Session 1B - New York State

Moderator: Scott Copey, Town of Greece

- (10:15) Statewide Licensing of ESRI's ArcGIS Software for K - 12 Education - Ann Deakin, *SUNY Fredonia*
- (10:45) NYS Digital Orthoimagery ROI - Ray C. Faught, *NYS DHSES Office of Cyber Security*

#### Session 1C - Web Mapping & Ariel Imagery

Moderator: Bret DeRoo, Wayne County Planning

- (10:15) Overcoming Challenges Managing Web Mapping Applications: Addressing the “Top Three” List - Duncan Selwood, *Latitude Geographics Group Ltd.*
- (10:45) Utilizing Pictometry's ArcGIS Extension - Corey Lanctot, *Pictometry*

11:15 - 11:30 Coffee Break, Vendor Exhibits and Map Contest Session - Grand Room - Refreshments Sponsored by Haley & Aldrich

11:30 - 12:30 Concurrent Session 2A, 2B and 2C

### STATE ROOM

### BURGUNDY ROOM

### EMPIRE ROOM

#### Session 2A - Real Time Mapping

Moderator: Stacy Stanton, Village of Churchville

- (11:30) Impact of High - Volume Horizontal Hydraulic Fracturing on Transportation Infrastructure - Karl Korfmacher, *Rochester Institute of Technology*
- (12:00) Using GIS for Transit Service Planning at RGRTA - Dan Kenyon & Ken Boasi, *RGRTA*

#### Session 2B - Speed Networking

Moderator: Michael Ross, City of Rochester

- (11:30) Set up similar to “Speed Dating”, participants will have a chance to speak with GIS professionals for 5 minutes at a time.

#### Session 2C - Public Health

Moderator: Kris Tallon, Town of Webster

- (11:30) Mapping Food Deserts: Crowd- Sourcing Food Availability for Public Health Analysis - John Kennedy, *Rochester Institute of Technology*
- (12:00) Innovative Use of GIS to Model Perchloroethene (PCE) in Soil Requiring Clean Up - Christopher Smelt & Jeffery Danzinger, *Day Environmental, Inc* and Joseph Biondolillo, *City of Rochester*

12:30 - 1:45 Lunch featuring "Geo-Jeopardy" - Grand Room - Lunch Sponsored by NYS GIS Association

1:45 - 2:45 Concurrent Sessions 3A, 3B and 3C

**STATE ROOM**

**BURGUNDY ROOM**

**EMPIRE ROOM**

**Session 3A - Python & SDE**

Moderator: Jeff Tiede, City of Rochester

- (1:45) Beginner Python for GIS Professionals - Eric Montz, GISP, *Fisher Associates*
- (2:15) Managing ArcSDE at 10.1 - What's New and What's Changed - Steve Morse, *Bergmann Associates*

**Session 3B - Student Lightning Talks**

Moderator: Karl Korfmacher Ph. D., Rochester Institute of Technology

- (1:45) Students will have 5 minutes to give a presentation

**Session 3C - Modeling**

Moderator: Justin Cole, GISP, Monroe County GIS Division

- (1:45) Estimating the Impact of the Proposed Regulated Lake Ontario Levels on the Monroe County Shoreline - Justin Cole, GISP, *Monroe County GIS Division*
- (2:15) Extending the USGS Base LiDAR Specification: Additional Processing that can Improve the Results - Benjamin Houston & Karen Kwasnowski, *GroundPoint Technologies, LLC*

2:45 - 3:00 Break, Vendor Exhibits and Map Contest Session - Grand Room

3:00 - 4:00 Concurrent Sessions 4A and 4B

**GRAND ROOM**

**BURGUNDY ROOM**

**Session 4A - ESRI**

Moderator: Julie Tolar, GISP, Rochester Genesee Regional Transportation Authority (RGRTA)

- (3:00) ArcGIS and Local Government - Mark Scott & Josh Williams, *ESRI*

**Session 4B - ASPRS**

Moderator: Justin Cole, GISP, Monroe County GIS Division

- (3:00) Computing Standard Error of Elevation for Push Broom Stereo Imagery for the GIS users Tool Kit - Don Light, *Rochester Institute of Technology*
- (3:30) Spectral Analysis of Ash Response to Emerald Ash Borer Infestations - *Laura Calandra, SUNY ESF*

4:00 Drawing for door prizes and awards for map contest - MUST BE PRESENT TO WIN! - Grand Room

WIN A



The Central New York ASPRS Annual Meeting will take place in the Empire Room at the conclusion of the conference - open to all interested individuals

**Thank You to our Conference Sponsor:**

