

# ***GIS/SIG 21st Annual Spatial/Digital Mapping Conference***

***co-hosted by Central New York ASPRS***

**April 24<sup>th</sup>, 2012**

**Burgundy Basin in 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

## **"Crowdsourced Data, Volunteer Activism and Crisis Mapping from a GIS Perspective"**

**Jen Ziemke, Ph.D.**

***Co-Founder & Co-Director of the  
International Network of Crisis Mappers***

- 10:00 – 10:15 Coffee Break, Vendor Exhibits and Map Contest Session – Grand Room – Refreshments Sponsored by Haley & Aldrich

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

### **STATE ROOM**

### **BURGUNDY ROOM**

### **EMPIRE ROOM**

#### **Session 1A – Mobile Technology**

Moderator: Dan Allen, GISP, MRB Group

(10:15) **Using ESRI's Android Phone App with ArcGIS Online for Mobile Data Editing**

*Dan Allen, GISP, MRB Group*

(10:45) **Custom GIS Applications for Mobile Phones- What are the Options and What's Involved?**

*David Marley, GISP, Bergmann Associates*

#### **Session 1B – Planning and Census**

Moderator: Scott Copey, Town of Greece

(10:15) **Using GIS to Evaluate the Impact of Land Development Patterns on Local Communities**

*Jason Babcock-Stiner, AICP, Bergmann Associates*

(10:45) **Using Census Data to Map Critical Populations**

*Rich Quodomine, NYS Department of Transportation*

#### **Session 1C – Remote Sensing for Disaster Response**

Moderator: Brian Tomaszewski, Ph.D., Rochester Institute of Technology

(10:15) **RIT Remote Sensing Support to Hurricane Irene and Tropical Storm Lee Flood Events**

*Donald McKeown, Rochester Institute of Technology*

(10:45) **An Automated Approach to Flood Mapping from GeoTiff Images for Disaster Analysis**

*Weihua "Wayne" Sun, Rochester Institute of Technology*

- 11:15 – 11:30 Coffee Break, Vendor Exhibits and Map Contest Session – Grand Room – Refreshments Sponsored by Waypoint Technologies

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

### **STATE ROOM**

### **BURGUNDY ROOM**

### **EMPIRE ROOM**

#### **Session 2A – 3D Applications**

Moderator: Mike Ross, Bergmann Associates

(11:30) **Creating 3D GIS...Easy and Fun**

*Lindsey Drum, Bergmann Associates*

(12:00) **Center City 3D: A Virtual City Model of Downtown Rochester, New York**

*Doug Benson, City of Rochester*

*Michael Ross, Bergmann Associates*

#### **Session 2B – Technology**

Moderator: Stacy Stanton, Village of Churchville

(11:30) **Sharing and Consuming Volunteer Geographic Information**

*James Clohessy, Buffalo Computer Graphics*

(12:00) **Disconnected Editing for the Little Guy**

*Luke Wenschhof, Fairport Municipal Commission*

#### **Session 2C – The Birds and the Bee...tles**

Moderator: Kris Tallon, Town of Webster

(11:30) **Using Crowdsourced Observation Data to Evaluate the Importance of Areas to Birds**

*Bill Ostrander, Tioga County*

(12:00) **Alien Invaders - A Community GIS Response to Emerald Ash Borer**

*James Kernan, Ph.D., SUNY Geneseo*

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 – GPS and Survey**

Moderator: Jeff Tiede, City of Rochester

(1:45) **Erie County Dept of Parks & Recreation – Bridge & Culvert Inventory: An Analysis of Overcoming Satellite Shadow During GPS Collection**

*Heather Lewis, Wendel Companies*

*Jonathon Cobb, Waypoint Technology Group*

(2:15) **Survey Laser Scanning and 3-D Modeling**

*Mark S. Coon, LS, Erdman Anthony*

**Session 3B – Remote Sensing**

Moderator: Justin Cole, GISP, Monroe County

(1:45) **ITT Exelis Geospatial Systems: Creating Next-Generation Information Solutions**

*Joan Mondello, ITT EXELIS Geospatial Systems*

(2:15) **A Comparison of Spatial and Non-Spatial Methods for Determining Exposure Point Concentration**

*William Stiteler, PhD, CMS, ARCADIS*

**Session 3C – Workflow**

Moderator: Tom Vogler, GISP, Haley & Aldrich

(1:45) **Overhauling Records: Survey Monuments**  
*Alex Nies, Monroe County*

(2:15) **Using Pictometry in Your Current Workflow**  
*David Petterson, GISP, Pictometry International*

2:45 – 3:00 Break, Vendor Exhibits and Map Contest Session – Grand Room – Refreshments Sponsored by CEDRA Corporation

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

**GRAND ROOM**

**BURGUNDY ROOM**

**Session 4A - Esri**

Moderator: Julie Tolar, GISP, Town of Penfield

(3:00) **What’s New in ArcGIS 10.1**

*Mark Scott, Esri*

**Session 4B – Remote Sensing II**

(3:00) **An Earth Orbiting Stereo Imaging System Designed to Provide Imagery for 1:50,000-Scale Topographic Maps and Equivalent Geospatial Data - “ETopoSat”**

*Don Light, Rochester Institute of Technology*

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

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:**

