

34th Annual Louisiana Remote Sensing and GIS Workshop
May 8-9, 2018
Southern Hotel
Covington, Louisiana

Tuesday, May 8, 2018

8:00 – 2:00 **Registration**

8:50 – 9:00 **Welcome and Announcements**

9:00 – 10:20 **Session 1: Spatial/Governmental Organizations**
Moderator:

- 1) *Louisiana Geographic Information Systems Council*
Warren Kron, GISP, Baton Rouge City-Parish
Collin DeGueurce, Terrebonne Parish Consolidated Government
- 2) *LADOTD & Local Government Initiative*
Darryl Mack, Louisiana Department of Transportation
- 3) *Starting a UAS Program at ULM*
M. Sean Chenoweth, Ph.D., University of Louisiana-Monroe
- 4) *The Who, What and Why of creating a GIS District in St Tammany Parish*
Rick Loggins and Ian Beer, St. Tammany Parish Government

10:20 – 10:45 **Vendor Break**

10:45 – 11:30 **Keynote Address**
Getting There is Half the Fun: On the Road to National Geospatial Coordination
Molly Schar, Executive Director, National States Geographic Information
Council (NSGIC)

11:30 – 1:00 **Lunch – On Your Own**

1:00 – 2:05 **Session 2: Applications of GIS Technology**

- 1) *Consolidated BAS - Updating Census Boundaries in Unincorporated St
Tammany Parish*
Craig Johnson and Ann Ballard, St. Tammany Parish Government
- 2) *Development of an Alcoholic Beverage Control License Investigation Tool for*

East Baton Rouge Parish
Justin Priola, GISP, Baton Rouge City-Parish

3) *Advancing GIS in Local Government - Recent Examples from the Lincoln Parish GIS District*

Jackson Matthews, GIS Director/911Coordinator, Lincoln Parish

2:05 – 2:25 **Vendor Break**

2:25 – 2:55 **Vendor SPARK Session**

2:55 – 3:55 **Session 3: GIS Data from State and Federal Initiatives**

- 1) *LADOTD Enterprise GIS & Linear Referencing Systems*
Jason Carr, Louisiana DOTD
- 2) *Louisiana National Hydrographic Dataset Update*
R. Hampton Peele, Louisiana Geological Survey
- 3) *What's new with the USGS National Geospatial Program?*
Chris Cretini, USGS

3:55 – 4:15 **Vendor Break**

4:15 – 5:15 **Session 4: Environmental Applications of GIS**

- 1) *Use of Unmanned Aerial Systems to Assist with Marsh Fragmentation Analysis for Mottled Ducks*
Steve Hartley, William Jones, Camille Stagg, and Mike Osland, USGS
- 2) *Flood Mitigation through Restoration of Our Floodplain Forests: A Review of Sand and Gravel Mines in the Florida Parishes*
Natalie Montoya, Scott Eustis, Maya Welch, and Dr. Ezra Boyd
- 3) *Using GIS to assess rain gauge quality over space and time*
W. Scott Lincoln & David Schlotzhauer, NOAA

5:30 – 7:30 **Vendor Mappy Hour**
Columbia Street Taproom, Seiler Bar
437 North Columbia Street

Wednesday, May 9, 2018

8:50 – 9:00 **Welcome and Announcements**

9:00 – 10:20 **Session 5: Communicating with Data**

- 1) *Telling a Story with Maps in a Digital Age*
James W. Gillie
- 2) *Data Without a Pretty Bow*
Lynn Dupont
- 3) *Public Roadway Network*
Chris Cannaday
- 4) *Don't Write-off Hard Copy Data*
Molly McGraw

10:20 – 10:45 **Vendor Break**

10:45 – 11:45 **Session 6: Remote Sensing**

- 1) *An object-based classification of urban land use and wetland vegetation cover from hyperspatial, multispectral UAS imagery*
Whitney P. Broussard III, Jenneke M. Visser, Tom Cousté, Glenn M. Suir, and John D. Foret
- 2) *Mapping the change of Phragmites live biomass in the lower Mississippi River Delta Marshes*
Elijah Ramsey III and Amina Rangoonwala
- 3) *Shoreline recession in Barataria Bay from the Deepwater Horizon Oil Spill*
Amina Rangoonwala, Elijah Ramsey III and Cathleen E. Jones

11:45 – 12:45 **Sponsor Lunch**

12:45 – 1:45 **Session 7: Advanced Techniques in Data Collection**

- 1) *Web-Based Mapping Applications for Public Safety Initiatives*
Brandon Jumonville, Baton Rouge City-Parish
- 2) *Cloud-Based GIS Data Collection Workflows*
Eric Bock, NEI
- 3) *Locating & Mapping the Utilities at New Orleans City Park*
Liz Lowe, New Orleans City Park

- 1:45 – 2:30 **Student Poster Competition**
Poster Author Interviews
- 2:30 – 3:30 **Session 8: Local Government Solutions with GIS**
- 1) *Mobile GIS for Damage Assessment*
Alvin H. Kirst
 - 2) *Address Database Development Progress in East Baton Rouge Parish*
Justin Priola, GISP
 - 3) *Evolution of Data Collection in the St. Tammany Parish Assessor's Office*
Derek Waggenpack
- 3:45 – 4:50 **Awards Ceremony**
- 5:00 – till **Workshop Social Event – Covington Trailhead**

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