

**12:00 LUNCH**

12:40 Welcome: Overview of MAST and MGC4

1:00 Determining Species of Greatest Conservation Need Occurrence in the Yazoo River Drainage, Mississippi

- Aaron Francois, Yongqin Zhang, *Delta State University*

1:20 Comparing Social Media and Traditional Media for Risk Information

- Xiaohui Liu, Bandana Kar, Nicole Callais, Hilton Gillespie, Brian Galloway, *University of Southern Mississippi*

1:40 PGIS: Oral history and GIS of Turkey Creek

- David Holt, *University of Southern Mississippi*

2:00 GIS Analysis of sUAS Biophysical Data in Coastal and Riverine Wetland Environments

- George Raber, *University of Southern Mississippi*

**2:20 BREAK**

2:40 GIS Needs in Mississippi

- Scott DeLano, *Mississippi House of Representatives* and Jim Steil, *MARIS*

3:00 Large Scale Production of USACE National Coastal Mapping Program Data: Challenges and Solution

- Celeste Rose, *USACE, JALBTCX*

3:20 Leveraging LiDAR to Develop Mississippi's Statewide Local-Resolution Hydrography Dataset

- Susan Phelps, *AECOM* and Jimmy Bradley, *Waggoner Engineering*

3:40 Web Services support for National Coastal Mapping Program Operations and USACE R&D

- Glen Higdon, *USACE, JALBTCX*

**4:00 BREAK**

4:20 USGS 3D Elevation Program (3DEP)

- George Heleine, *USGS*

4:40 The 2020 Census: Geographic Partnership Opportunities

- Wes Flack, *US Census Bureau*

5:00 Dismiss

**MISSISSIPPI  
GEOSPATIAL  
CONFERENCE****8:30 BREAKFAST**

9:30 Welcome Back and Elections

9:40 Study of the Zika Virus using Disease Mapping and Ecological Niche Models

- Christopher Phillips and Yongqin Zhang, *Delta State University*

10:00 The "Cray-Z-ness" of ground returns in a Juncus marsh: Validating LIDAR bare earth elevations utilizing a real-time G.P.S. network

- Carlton Anderson and Bill Funderburk, *Gulf Coast Geospatial Center*

10:20 Investigating the Impacts of Hydraulic Fracturing on Natural Gas Production and Vegetation Change through remote sensing

- Yongqin Zhang and Adrien Roth, *Delta State University*

**10:40 BREAK**

11:00 Fighting Cogongrass with Smart Phones

- Brian Mitchell, *Mississippi Forestry Commission*

11:20 Web Maps for Everyone: Mapping Local Cultural Heritage with Google

- Emma Strong, *SMPDD*

11:40 Recent and Relevant GIS Startup Technologies: Making our jobs easier and the world smaller

- David Hansen, *GEO Jobe*

12:00 Maximizing the Value and Impact of WebGIS

- Thomas Brown, *ESRI*

12:20 Door Prizes and Final Remarks