



**THURSDAY**

**12:00 LUNCH**

**Welcome to MGC 3, This time it's spatial!**

- 12:40 Welcome: Remarks from MAST, USM, and Sponsors
- 1:00 A brief introduction to using a hobby drone to collect imagery  
- Preston David White, *Delta State University*
- 1:20 Monitoring Truck Traffic in Mississippi  
- David Holt, *University of Southern Mississippi*
- 1:40 Gulfport's School Incident Response (SIR) Plan  
- Su-Lin Bolin, *City of Gulfport*
- 2:00 NSGIC Annual Meeting Summary  
- Paul Barnes, *Harrison County*
- 2:20 BREAK

**Cyberspace and application**

- 2:40 Introduction to the OSGeo Community  
- Emma Strong, *Southern Mississippi Planning and Development District*
- 3:00 To build or not to build: an exploration of web AppBuilder for ArcGIS  
- Jamie Thompson, *GEO Jobe*
- 3:20 Using web GIS to visualize federal noise mitigation data for Alexandria International Airport  
- Jesse Malley, *GEO Jobe*
- 3:40 3D Visualization of Airspace Obstructions Using D3.js and ArcGIS Online  
- David Hansen, *GEO Jobe*
- 4:00 BREAK

**Keynote: What is in our future?**

- 4:20 The Future of Geospatial Technologies  
- Talbot Brooks, *Delta State University, Center for Interdisciplinary Geospatial Information Technologies*
- 4:40 Q/A and Discussion
- 5:00 Dismiss



**FRIDAY**

## 9:00 Breakfast

### Barrier Island Vegetation Panel

- 9:40 Vegetation cover and relationships of habitat-type with elevation on the Mississippi-Alabama barrier islands in the initial five years after Katrina  
- Greg Carter, *University of Southern Mississippi, Gulf Coast Geospatial Center*
- Short-term vegetation succession on East Ship and Sand Island, Mississippi using high-resolution aerial R, G, B imagery  
- Carlton Anderson, *Gulf Coast Geospatial Center*
- Evaluating the Influence of Elevation and Impact of Hurricane Katrina on Radial Growth in Slash Pine (*Pinus elliottii* var. *elliottii* Engelm) on Cat Island, Mississippi  
- Bill Funderburk, *Gulf Coast Geospatial Center*
- Habitat Change on Horn Island, Mississippi, 1940-2010, determined from textural features in panchromatic vertical aerial imagery  
- Will Jeter, *University of Southern Mississippi*

10:40 BREAK

### Government Application and Products

- 11:00 JALBTCX and the USACE National Coastal Mapping Program - Operations, Products and Services  
- Charlene Sylvester and Celeste Rose, *USACE, JALBTCX*
- 11:20 Y'all Business: Fostering small business growth in Mississippi  
- Gary Hennington, *The Geospatial Group*
- 11:40 The National Hydrography Dataset and Communities of Use  
- Dave Arnold, *US Geological Survey*
- 12:00 The USGS 3D Elevation Program (3DEP)  
- George Heleine, *US Geological Survey*
- 12:20 Imagery - a core component of your ArcGIS Platform  
- Jon Doherty, *Esri*
- 12:40 Final Remarks  
- Jim Steil, *MARIS, MAST*
- 1:00 Dismiss