



**THURSDAY**  
October 11, 2018

**10:00 Vendor Check-in**

**11:00 Registration**

**12:00 LUNCH**

## **EDUCATION BLOCK**

- 12:50 Welcome  
*Steven Miller, University of Southern Mississippi Gulf Park Vice President, and Jim Steil, MARIS/MAST President*
- 1:00 Experiences Learning GIS at different Education Levels  
*Panelist: Ayden Rigby, Ian Stewart, Veronica White, and Ashley Chasez*  
*Moderator: David Holt, The University of Southern Mississippi*
- 1:20 The GEO Project: Geospatial Education and Outreach in Mississippi  
*John Cartwright, The GEO Project (Geosystems Research Institute - Mississippi State University)*
- 1:40 A New Paradigm for Post-Secondary Geospatial Education  
*Christopher Smith, Delta State University*
- 2:00 BREAK - View Posters & Visit Sponsors

## **HAZARDS BLOCK**

- 2:20 A quantitative GIS modeling approach for regional landslide susceptibility analysis  
*Qingmin Meng, Mississippi State University*
- 2:40 Application of GIS in Municipal Fire Departments  
*Daniel Bounds, City of Gulfport*
- 3:00 GIS data development and validation for Next Generation 9-1-1, beyond the 98%  
*Luke Granlund, Michael Baker International*
- 3:20 Mobilizing GIS at Electric Utilities  
*Jay Santinelli, Coast Electric*
- 3:40 BREAK - View Posters & Visit Sponsors

## **ESRI BLOCK**

- 4:00 WebGIS and The Road Ahead  
*Jon Doherty, ESRI*
- 4:30 ESRI Field Operations Solutions  
*Brad Owens, ESRI*
- 5:00 Closing Comments & Social Announcement  
*Jim Steil*



**FRIDAY**  
October 12, 2018

**8:30 Breakfast**

## **WEB APPLICATION BLOCK**

- 9:30 Professional Adaptation to Change in Geospatial Technology  
David Hansen, *GEO Jobe*
- 9:50 Do Your Homework: Techniques and Resources for Self Learning  
Courtney Kirkham, *GEO Jobe*
- 10:05 Project Management for Geospatial Application Development Using the Agile Methodology  
Daniel Menikheim, *GEO Jobe*
- 10:25 Using Esri Calcite to Improve User Interface Development  
Eric Goforth, *GEO Jobe*
- 10:40 BREAK - View Posters & Visit Sponsors

## **3D APPLICATION BLOCK**

- 11:00 What's new with the USGS National Geospatial Program?  
George Heleine, *USGS*
- 11:20 Creating building footprints from LiDAR point cloud data using 3D Analyst in ArcGIS  
Barbara Yassin, *Mississippi Department of Environmental Quality*
- 11:40 Best Practices and Lessons Learned in creating 3D Structure from UAV Imagery  
Joby Czarnecki, *The GEO Project (Geosystems Research Institute - Mississippi State University)*
- 12:00 CLOSING COMMENTS, POSTER WINNERS, AND DOOR PRIZES
- 12:20 AFTER CONFERENCE BOARD MEETING

## **POSTERS:**

- "Mapping River Island Alluviation Rates in the Upper Mississippi" - Holt, David, Ashley Chasez, Loren Roman-Nunez, Ian Stewart, and Veronica White, *The University of Southern Mississippi*
- "Train Explosion Evacuation Plan" - Rigby, Ayden, ? *High School*
- "Detecting coastal marsh change from aerial imagery using spectral and textural methods: Pascagoula River Marsh, 1955-2014" - Waldron, Maggie, Greg Carter, and Patrick D. Biber, *The University of Southern Mississippi*
- "Unposted: Campaign Signs, Social Media, and the Digital Front Yard" - Chasez, Ashley and Joby Bass, *The University of Southern Mississippi*
- "Elevation Change of New Round Island" - Michael Amelunke, *The University of Southern Mississippi*