



MISSISSIPPI GEOSPATIAL CONFERENCE
LONG BEACH, MS **October 20-21, 2022**





Thank you to our Sponsors & Supporters:

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THURSDAY

October 20, 2022



10:00 VENDOR CHECK-IN

11:00 REGISTRATION

12:00 LUNCH at Hardy Hall

SESSION 1:

- 12:50 Welcome and MAST Overview
Jim Steil, President of MAST and Shannon Campbell, Vice President of Gulf Coast Operations, USM
- 1:00 The USM Gulf Coast Geospatial Center: Statewide Infrastructure, Applications, and Research
Greg Carter
- 1:20 Effects of Object Brightness and LiDAR Footprint Size on Object Edge Distortion
Michael Amelunke, Margaret C.B. Waldron, Carlton P. Anderson, Robert Gruba, and Gregory A. Carter
- 1:40 Industry and Academia: Uniting Forces to Drive Geospatial Science
Michael Lane
- 2:00 BREAK - View Posters & Visit Sponsors

SESSION 2:

- 2:15 Introduction to GIS Automation
Christian Patton
- 2:35 Taking Airports to New Heights with ArcGIS StoryMaps
Randee Miller
- 2:55 Vertical Asset Inspection: Creating Intelligent Digital Twins
Reed Davis
- 3:15 BREAK - View Posters & Visit Sponsors

SESSION 3:

- 3:30 Introduction to ArcGIS Experience Builder
Joseph "Brig" Bowles
- 3:45 ArcGIS StoryMaps: What's New and What's Coming
Joseph "Brig" Bowles
- 4:00 Recap of the 2022 Esri UC
Brian Mitchell and Jacob Blind
- 4:15 Mapping Common Ground in Mississippi
Brian Mitchell and Jacob Blind
- 4:30 BREAK - View Posters & Visit Sponsors

KEYNOTE SESSION:

- 4:35 Keynote
Andrew "Fofa" Gilich, Mayor of the City of Biloxi
- 5:05 Special Recognition
Jim Steil & David Hansen
- 5:15 Dismiss
Jim Steil

5:20 PM - 7:00 PM: SOCIAL

FRIDAY

October 21, 2022



8:00 BREAKFAST at Hardy Hall

SESSION 4:

- 9:00 Applesnails - Combatting Invasive Species with GIS
Karen Clark
- 9:20 Impacts of Wildfires and Prescribed Fires on the Presence of Invasive Plant Species in Mississippi
Robert Grala, Anusha Shrestha, Donald L. Grebner, MaKeriah Hampton, Kate Grala
- 9:40 Compound Flooding Potential along the US Coastlines.
Mamunur Rashid
- 10:00 The Impact of Inundation and Nitrogen on Common Saltmarsh Species using Marsh Organ Experiments
Kelly San Antonio
- 10:20 BREAK - View Posters & Visit Sponsors

SESSION 5:

- 10:40 An overview of MDOT's Lidar Program
Will Grayson
- 11:00 Reapportionment: State and Local Perspectives
Corey Proctor and Jim Steil
- 11:20 Review of the Mississippi Address Standard as accepted by MCCRSGIS
Haley Feather, Toby Sanford, and Steve Gray
- 11:40 GIS Outreach: Taking GIS to the Community
David Holt, Scott Trapolino, and Randall McMillan
- 12:00 Lifetime Achievement Presentation
- 12:10 Closing Comments - Poster Winners & Door Prizes
- 12:20 After Conference Board Meeting



Elections for MAST Board Positions

Use the QR Code to vote for
President, Vice President, & Board of Directors of MAST

Voting will close at 10 AM on Friday
Results will be announced in the closing session of the day.

MAST

Mississippi Association for Spatial Technologies



MAST meets the second Friday bi-monthly

Please visit:

mastgis.org

Join us on facebook:

facebook.com/groups/MASTGIS

Please join us in Celebrating

**Mississippi Geospatial Conference
10 year Anniversary**

**Mississippi Association for Spatial
Technologies
20 year Anniversary**

**Mississippi Automated Resource
Information System
40 year Anniversary**

MAST Awards:

**Special Recognition
Jerry Coleman**

**Lifetime Achievement
Roger Colwell**



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Backup My Org creates backups and then restores your entire organization or specific items to the original environment or a new environment.



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Clean My Org scans items, users, and groups for inefficiencies, security concerns, and other issues to keep your organization running smoothly.

How Can We Make Your Job Easier?



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We offer a wide range of services to facilitate a smooth implementation of geospatial technology including managed services, on call GIS support, and deployment of industry standard solutions.



Leverage GEO Jobe's experienced pilots for data collection. We provide orthophotography, volumetric studies, 3D modeling, ML/deep learning, and more.



ALL EYES ARE ON YOU TO DELIVER SMART COMMUNITIES.

WHAT WILL YOU DO?

Smart communities are not something that is off in the distant future. They're happening now. Thousands of jurisdictions are applying ArcGIS technology for planning and engineering, operational efficiency, data-driven performance, and civic inclusion.

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