**Coastal Alabama Geospatial Data Users Group**

**Eighth Annual Conference**

Thursday, February 29th, 2024

University of South Alabama Faculty Club

6350 Fincher Road, Mobile, AL 36688

Agenda

8:30 a.m. – Registration Open

9:00 a.m. – Welcome!

9:15 a.m. – University of South Alabama GIS Program

Speaker: Dr. Steve Schultze, Associate Professor and GIS Program Coordinator, University of South Alabama Department of Earth Sciences

9:35 a.m. – Digital Coast Overview

Speaker: Dave Stein, NOAA Office for Coastal Management

9:55 a.m. – Where can I get GIS Data?

Speaker: Justin Quinley, GISP, AnchorQEA

**10:15 a.m. – Break**

10:30 a.m. – ARSNiC: evaluating culverts at the intersections of road and aquatic highways

Speaker: Daniel West, Geological Survey of Alabama

10:50 a.m. – Coastal Alabama Geospatial Data Hub; Overview, Maintenance, and Tutorial

Speaker: David Tidwell, Geological Survey of Alabama

11:10 a.m. – Use of LiDAR and GIS to map pedestrian evacuation times in tsunami inundation areas of the Olympic Peninsula, Washington

Speaker: Dr. Carol Sawyer, Associate Professor and Geography Program Coordinator, University of South Alabama Department of Earth Sciences

**11:30 a.m. – Lunch**

Suggested places near campus: El Milagro, Heroes, Chicken Salad Chick, Voodoo Wings, Jerusalem Cafe, Cookout, Mellow Mushroom

1:00 p.m. – Welcome back!

1:15 p.m. – The Galápagos Islands, Microclimates, and GIS

Speaker: Abby Kratsch, University of South Alabama Geography

1:30 p.m. – Past Landmaking and the Future Threat of Hurricanes, Mobile, Alabama

Speaker: Ragen Landrum, University of South Alabama Archaeology

1:45 p.m. – Mobile Environmental Mapping

Speaker: Isabelle Goolsby, University of South Alabama GIS Center

2:00 p.m. – Bridging the Gap: Using GIS in Aquatic Plant Biology

Speaker: Kaitlyn Sampson, University of South Alabama Biology

**2:15 p.m. – Break**

2:45 p.m. – Santa Rosa County Sea Level Rise Vulnerability Assessment

Speakers: Amber Bloechle, GIS Director, University of West Florida &

Dr. Derek Morgan, Associate Professor, University of West Florida

3:05 p.m. – GIS and the I-10 Bay Bridge Archaeology

Speaker: Raven Christopher, University of South Alabama Archaeology

3:25 p.m. – *Everyday I'm Shufflin' (People)*: Areal Interpolation and Dasymetric Mapping in GIS

Speaker: Dr. Fabian Terbeck, Assistant Professor, University of South Alabama Department of Earth Sciences

**3:45 p.m. – Wrap-up!**

4:30 p.m. – GIS Happy Hour, Wingman Brewing (downtown Mobile)

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