

The Central Florida GIS Workshop Inc. wishes to acknowledge the invaluable contributions of the program chairs, committee members, moderators, volunteers, sponsors, and donors towards the success of this Workshop and thank them for their time and dedication.

Workshop Chair Al Hill, GIS Manager, WGI

**Exhibits & Vendors** Nancy Church, GIS Project Lead, Volusia County

Facility/Location & Catering Kim Garbade, GIS Project Manager, ETM Mira Bourova, GIS Manager, FTE - AECOM

Map Gallery Derek Wood, GIS Analyst, Pasco County

Marketing & Website Cheryl Isenberg, Sr. GIS Analyst, HDR Lakshmi Sankaran, Data Analyst, Seminole County

> Program Al Hill, GIS Manager, WGI Joshua Sheldon, GIS Director, ECFRPC

Registration Amy Hunter, GIS Manager, AECOM Lisa Wallace-Valerio, Sr. GIS Analyst, Orange County

## 2023 CENTRAL FLORIDA GIS WORKSHOP

**SEPTEMBER 11 - 12 OCEAN CENTER DAYTONA BEACH, FL** 

## *Central Florida* GIS Workshop

in the Central Florida region and is a non-profit organization. Many of the Board members are Geomentors. The Workshop offers teacher training periodically as well as participating in Teach-In and Tech Events at local schools. The Workshop worked this year with Esri to judge and facilitate awards for the Annual Esri Florida Middle and High School Story Map Competition. Some of our Board members are adjunct instructors at local colleges. We offer 2 annual scholarships to students in the geospatial field. We hope you will attend the Student Presentations and encourage the next generation!

www.cfgisworkshop.org



Kimberly Jackson is Florida's Geographic Information Officer (GIO). After a year of mapping fieldwork in Australia's National Park system, Kim started her career in GIS at the St Johns River Water Management District in 1990. She is Florida's representative to the NOAA Digital Coast Partnership and the National States Geographic Information Council.



Xan Fredericks works with the U.S. Geological Survey (USGS) as the National Map Liaison to Florida, Georgia, Puerto Rico, and the U.S. Virgin Islands. She collaborates with a variety of partners to aid the discovery and coordination of geospatial data, as well as the delivery of actionable, science-based information to resource managers, emergency responders, and the public.



Alicia (Ali) Pressel is an educator in the Saint Augustine area of Northeast Florida. Her goal is to ensure students connect their human involvement to the natural world, make a difference in their communities, and be inquisitive, lifelong learners. Ali provides authentic learning experiences to fuel student curiosity as youth become mapmakers, change makers and leaders of tomorrow.



Anthony Spicci is Executive Director at GISCI (GIS Certification Institute). During his thirty-one years in the emergency response community, Tony has seen the need for implementing geospatial information programs and coordination across a wide spectrum of response groups. He continues volunteering within the response community to promote the use of geospatial technologies.



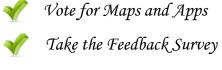
Alexis Thomas has been at The University of Florida GeoPlan center for 30 years, the past eight as Director. He has been involved with the Florida Geographic Data Library (FGDL) since its inception in 1996.

Vendor Social 4:45 pm Monday సి GIS Practitioners' Meet-Up 6:00 pm Monday Join Raffles and Prizes 1:30 pm Tuesday Lunch 12:00 pm Monday and Tuesday

Workshop S S Florida Central 

The Central Florida GIS Workshop Inc. welcomes you to their 16th Annual Central Florida GIS Workshop at the Ocean Center, Daytona Beach. The Central Florida GIS Workshop Inc. is a volunteer effort arising from the work of a small number of dedicated GIS professionals

## Our Keynote Speakers



Use the QR Codes in the Program

MONDAY 9/11/2023	Central Florida GIS Workshop : Ballrooms	p : Ballrooms A, B & C			
7:30 am	Registration Opens				Vote for a Map/App
9:00 - 9:50 am 9:50 - 10:40 am	Keynote Presentation : Kimberly Jackson, Florida State GIO Kevnote Presentation : Xan Fredericks. USGS National Map Liaison	Jackson, Florida State GIO ericks. USGS National Map Liaison			
10:45 - 12 noon	Vendor Exhibit Opens : Map & A	Vendor Exhibit Opens : Map & App Gallery Opens : Visit and Network with our Sponsors / View Maps and Apps	rk with our Sponsors / View Maps an	d Apps	Esri Hands-On Learning Lab
12 noon - 1:30 pm	Lunch : Neynole Presentation : A Ballrooms A & B	LUNCN : NEYNOLE PLESENTAUON : All PLESSEI, EQUCATOF AND NATIONAL GEOGRAPHIC EXPLORE Ballrooms A & B 101A 101A 101A	ographic Explorer 101B	101C	Opens 10:30 am 102A
	Esri Presentation Self Moderated	Student Presentations & More Moderator: Workshop Board	Parcel Management Moderator: Joshua Sheldon	General Interest Moderator: Carson Kelly	Esri Hands-On Learning Lab Self Moderated
1:30 - 2:00 pm		Assessing the Impact of Hurricanes and Sea-Level Rise on Households in Charlotte County Muntaha Alqasmi UCF	Mapping a Next Generation Condominium Unit in the Parcel	An Update on the GISCI: What's Happening and What's New Tony Spicci, GISP, CGMP	
2:00 - 2:30 pm	Public Works Across the ArcGIS Platform Matt Adams & Julie Kutz esri	West Cocoa Digitalization in Support of Resilient Green Infrastructure Conservation in Brevard County Hannah Quenga Stetson University	Fabric Frank Conkling, GISP Panda Consulting	Using Open-Access Imagery and ArcGIS Online to Study Intensive Agriculture John H. Walker, Ph.D.	Esri Hands-On Learning Lab
2:30 - 3:00 pm			Pairing Java Rest Services and ArcGIS Maps SDK for JavaScript to Deliver Parcel Data to Planners and the Public Cynthia Skelhorn, Ph.D, GISP	Everything is Somewhere: GIS and the Digital Twin as a New System of Record Jack Gibson, GISP ETM	
3:00 - 3:15 pm	Coffee Break Ballrooms & R	4046	aret	040	102A
		Surveying & Mapping	Tech Talk	General Interest	Esri Hands-On Learning Lab
3:15 - 3:45 pm	Moderator: Taylor Phillips, GISP Emergency Management Panel Discussion Alan Harris, Director, Seminole County EM	Moderator: Eric Orndorff, PLS, PSM Understanding Subsurface Utility Mapping Levels and Accuracies Allen Nobles, PSM	Moderator: Brandon Barnett, GISP The New High-Accuracy GNSS Satellite Correction Service that Doesn't Require Internet Connectivity, and it's Free Eric Gakstatter	Moderator: Patrick Ricker, GISP Environmentally Sustainable Corridor Planning Tool (ESCPT) Clint Cornelison	Self Moderated
3.45 - 4:15 pm	Chris Emrich, Ph.D., GISP, UCF Jonathan Lord, Director, Flagler County EM	Avoiding the Distress of Sidewalks Assessments Robert Hanson, GISP	Introduction to Deep Learning for Raster Analysis with ArcGIS Pro Carson Kelly & Mitchel Hill, PSM	Using ArcGIS Online & Survey123 for the Decennial Functional Classification of Roadways Review Jason Learned, AICP	Esri Hands-On Learning Lab
4:15 - 4:45 pm	Moderator: Derek Wood Maps and Apps Lightning Talks (Map Gallery Presentations)	Modemization of the NSRS and the Proposed Florida SPCS Zones Allen Nobles, PSM	Optimized Process for the Extraction of GIS Information from Mobile LiDAR Project Data Jennifer Triana TopoDOT	Using GIS for Landfill Field Data Collection Barbara Lawrence	
4:45 - 5:45 pm	Exhibitor Social in Ballroom C	-			
6:00 - 7:30 pm	GIS Practitioners' Social	The Central Florida	rida GIS Workshop		
TUESDAY 9/12/2023	Central Florida GIS Workshop : Ballrooms A, B 8	p : Ballrooms A, B & C			
8:00 am	Registration Opens				
9:00 - 10:00 am	Keynote Presentation : Tony Spicci,	ci, Executive Director, GISCI			
10:00 am	Exhibit Area Opens Ballrooms A & B	101A	101B	101C	102A
	Esri Presentations Self Moderated	Public Safety/EM Moderator: Parker Hines	Public Works Moderator: Jasmine Prater	Tech Topics Moderator: Víckie Larson, GISP	Esri Hands-On Learning Lab Self Moderated
10:00 - 10:30 am	ArcGIS Experience Builder: Migrating from ArcGIS Web	Resilient Florida and Vulnerability Assessments Joshua Sheldon	GIS-Centric EAM: Industry Recommendations for GIS in Asset Management Emily St Clair Woolpert	Developing a Computerized t Maintenance Management System For Public Signage At Recreation Sites Within The SWFWMD Emily McDaniel	
10:30 - 11:00 am	AppBuilder Matt Adams & Julie Kutz esri	Streetlight Management in the GIS from Outage through Verification Karyn Tareen, GISP	Pasco County Utilities is Using Smart Mapping Tools to Collect and View Utilities Assets through the Enterprise GIS system Khem Phuyal, Taylor Sulva & Gabriel Lama	From '0 to 60' in a Year, Building a GIS from Scratch in Eustis, Florida Jackie Amaya & Michelle Saxman	Esri Hands-On Learning Lab
11:00 - 11:30 am		Quick and Efficient Creation of Address Maps using Model Builder and Python Scripts Christine Kury, CFM & Stacie M. Amolsch	Fracking NPDES MS4 Compliance with ArcGIS Dashboards Derek Wood	How Survey123 Helps Serve City of Ocoee's Municipal Functions Luis Martinez, GISP & Kelsey Katro, GISP	
11:30 - 12:00 noon		r NG9-1-1 ation Data PMP, MPA	enting a GIS Strategic Plan S Utility Network Impact to External Systems Darris Friend, GISP	- Digital Twin of Urban Infrastructure Olivia DeSimone, GISP & Thomas Newlin ETM	
12 noon - 1:30 pm	Lunch : Keynote Presentation : A	: Alexis Thomas, Director, GeoPlan Center,	nter, UF		Esri Hands-On Learning Lab Closes
1:30 - 2:30 pm	Awards, Dessert and Raffle in the Exhibitor Area	e Exhibitor Area 101A	101B	101C	3:30 pm Take the Feedback Survey
		Meeting Self Moderated	GISP Certification (Open Session) Moderator: Anthony Spicci, GISP, GISCI Executive Director	Meeting Self Moderated	
2:30 - 4:00 pm		FLURISA Meeting / GIS Managers Meet-Up	GISP Portfolio Certification / Recertification Workshop	FSMS Geospatial	