

TNGIC 2025  
Concurrent Sessions Schedule  
Page 1 of 3

<b>Wednesday April 16, 2025</b>		<b>1:30 - 3:00</b>	
<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Leader</i>
Mirabella A	SIG	3D National Topography Model - Tennessee Impacts and Updates	Paul Dudley

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Mirabella B	Natural Hazards	Hazard outcomes of warnings with tornado possible tags in the Greenville-Spartanburg CWA	Ethan Glascock
Mirabella B	Natural Hazards	The Impact of Extreme Weather Patterns on Flood Risk and Mitigation in Rural Communities: A Case Study of the Calfkiller Watershed	Jessee Griffith
Mirabella B	Natural Hazards	Using LiDAR and Remote Sensing to Assess Flood-Driven Stream Changes in the Cataloochee Valley Following Hurricane Helene	Ella Saunders [TN View]

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Mirabella C	Data	TDOT How can we help you?	Chris McPhilamy
Mirabella C	Data	Unlocking the Power of Database Views in Enterprise Geodatabases	Baylor Wagehoft
Mirabella C	Data	Open Data Explorers: Nashville's Interactive Alternative to Raw Open Data	Chris Parker

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Oakleigh ABC	SIG	UTK Costa Rica Study Abroad	Michael Camponovo

TNGIC 2025  
Concurrent Sessions Schedule  
Page 2 of 3

<b>Wednesday April 16, 2025</b>	<b>3:30 - 5:00</b>		
<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Mirabella A	Water	From Points to Progress: Key Learnings on Inventory of Stream Barriers by Remote Sensing	Samantha Doss-Watson Nyssa Hunt
Mirabella A	Water	High Definition Stream Survey (HDSS): Addressing Water Quality Challenges in the Hurricane Creek Watershed	Jim Parham
Mirabella A	Water	Scaling a Wetland Screening Tool for the State of Tennessee with Deep Learning, High-Quality Training Data, Cloud Computing and GIS	Andy Carroll

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Mirabella B	Planning	Migration to a modern Parcel Mapping environment in Nashville	John Broome
Mirabella B	Planning	Planning and Design with ArcGIS Urban	Jared Islas, AICP
Mirabella B	Planning	A Short Trip Through Tennessee’s Demographic Landscape—no GPS required!	Tim Kuhn

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Mirabella C	Utilities	Best Practices and Use Cases for Storm Water Infrastructure Mapping	Justin Klinkenberg
Mirabella C	Utilities	Comparing Esri's Utility Network vs. Trace Network	Jeff Kirchberg / Mandy O'Shea
Mirabella C	Utilities	Beyond Checking the Regulatory Box – Building an Interactive and Asset Management Plan Your Organization can Really Use	Mark Crow, Alex Barrett

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Oakleigh ABC	SIG	Exploring Earth: A NASA Supported Geospatial MTSU Learning Experience	Racha El Kadiri

TNGIC 2025  
Concurrent Sessions Schedule  
Page 3 of 3

Thursday April 17, 2025		1:30 - 3:00	
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Mirabella A	ESRI Solutions	Developing an ArcGIS Toolbox for Automated Outcrop Detection	Robert Moore
		Reporting basemap errors to ESRI and understanding how to access	
Mirabella A	ESRI Solutions	OpenStreetMap feature data	Chris Meeks, Matt Lane
Mirabella A	ESRI Solutions	An Introduction to ArcGIS Indoors: Structure, Components, and Workflows	Jeff Kirchberg
Mirabella A	ESRI Solutions	TN Open Data Portal using ArcGIS Hub	Paul Dudley
Thursday April 17, 2025		1:30 - 3:00	
Location	Topic	Title	Presenter
Mirabella B	Local Govt~ish	UAVs for Local Government	Chris Pape
Mirabella B	Local Govt~ish	EagleView in Focus	Savannah Heckman
Mirabella B	Local Govt~ish	How Local Governments Thrive with GIS Technology	Kevin Bingham
Mirabella B	Local Govt~ish	Editing LIDAR files in QGIS	Randy Hale
Thursday April 17, 2025		1:30 - 3:00	
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Mirabella C	Social Good	Connecting Poverty and COVID-19 in Oklahoma	Preston Ford
Mirabella C	Social Good	Bureaucratic Repression: GIS for Mapping Tribal Land Allotments	Stacy Curry
Mirabella C	Social Good	Utilizing GeoAI to plant 5000 Trees in Chattanooga, TN	Charlie Mix
		Utilizing ESRI ArcGIS Pro to Assign NatureServe Subnational Conservation Status	
Mirabella C	Social Good	Ranks to Species	Julia Prins [TN View]
Thursday April 17, 2025		1:30 - 3:00	
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Oakleigh ABC	SIG	GIS for Good with Central Magnet School Intro to GIS	Clay Burns