

TNGIC 2024  
 Concurrent Sessions Schedule  
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**Wednesday April 10, 2024 1:30 - 3:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Private Dining Room	FOSS	10 Tasks to Consider Using QGIS (And a Few To Not)	Natalie Robbins
Private Dining Room	FOSS	Interactive Visualization of Geospatial Data with Leafmap	Dr. Qiusheng Wu
Private Dining Room	FOSS	Using Open-Source Apps for GPS Field Data Collection	Dr. Nik Smilovsky
Private Dining Room	FOSS	QGIS and LIDAR	Randy Hale
Private Dining Room	FOSS	Creating Maps as Physical Art	Tracy Homer

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Room B	AGOL	Experience Builder: Advice, Hints, and Recommendations for App Success	Andrew Pericak
Room B	AGOL	Utilizing ArcGIS StoryMaps for Public Science Communication	Callie Hilgenhurst
Room B	AGOL	Tennessee Geographic Alliance: Updated Tennessee State Atlas	Emma Blanks
Room B	AGOL	Day in the Life of a GIS Analyst: TDOT ITS and Fiber Data Management Dashboard	Caitlyn Mills

**Wednesday April 10, 2024 1:30 - 3:00**

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Room C	Public Works	Innovative Uses of Technology to Facilitate Smoke Testing Data Collection	Matthew Snyder & Jeramy Davis
Room C	Public Works	Mapping Lead Replacement in Shelby County, TN	Michelle Patton
Room C	Public Works	Trash Talk: How the City of Spring Hill automated Bulk Item Pick-up!	Helen Orlet

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**Wednesday April 10, 2024 3:30 - 5:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Private Dining Room	Research	Using Spatial Analysis to Determine Arboretum Accessibility: A Tennessee Case Study	Dr. Jillian Gorrell Heather White &
Private Dining Room	Research	Urban Development using Ground Penetrating Radar Applications	Dr. Eileen Ernenwein
Private Dining Room	Research	Tracking Tornado Alley: How is it Changing and Why?	Preston Ford

**Wednesday April 10, 2024 3:30 - 5:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Room B	Planning	TN TREC Project: Mapping Statewide Recreation	Paul Dudley & Kari Williams
Room B	Planning	Assessing ADA Compliance of Pedestrian Infrastructure	Joe Martin
Room B	Planning	Application of Geodesign Principles in Tullahoma Land Use Planning	Michael Cullen
Room B	Planning	Building an Enterprise Solution to meet Nashville's Complex Data Security Needs	Jennifer Higgs

**Wednesday April 10, 2024 3:30 - 5:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Room C	Solutions	Moving Forward with ESRI's Data Management Solutions	Kevin Bingham
Room C	Solutions	The Future of GIS with High Resolution Aerial Imagery	Savannah Heckman
Room C	Solutions	Tennessee Statewide Ortho Imagery and Elevation Data Program	Rob Eadie
Room C	Solutions	Enabling your Data!	Kenneth Bryant

**Wednesday April 10, 2024 3:30 - 5:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Boardroom/Outside	GNSS	GNSS Trail Blazing: The Montgomery Bell State Park Trail Mapping Project	Dr. Nik Smilovsky

SIGN UP IN ADVANCE AT THE BAD ELF TABLE

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**Thursday April 11, 2024 1:30 - 3:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Private Dining Room	Education	Update on K-12 Geography Education	Kurt Butefish
Private Dining Room	Education	Mapping with meaning: Significance beyond georeferencing	Dr. Mayra Roman-Rivera & Dr. Derek Alderman
Private Dining Room	Education	Customizing Vector Tile Basemaps: Beginner to Advanced	Matt Lane

**Thursday April 11, 2024 1:30 - 3:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Room B	Workflows	Working with What you Got: Leveraging Standard ArcGIS Online Functionality to Replace Expensive Software Solutions	Austin Averill
Room B	Workflows	Audit Seasoning: Auditing Enterprise GIS Environments with Python	Corey Gens
Room B	Workflows	From Field to Attribute Table: Best Practices for Data Acquisition	Alex Lennon & Mark Crow
Room B	Workflows	Music City's Data Sings Together with Survey123 & Dashboard	Danielle Greer

**Thursday April 11, 2024 1:30 - 3:00**

<i>Location</i>	<i>Topic</i>	<i>Title</i>	<i>Presenter</i>
Room C	TNView Contest	Exploring land cover change in the Chattanooga tri-state region using the NLCD, NAIP imagery, and deep learning	Mimi White
Room C	TNView Contest	Spatiotemporal Fish Assemblage Patterns Associated with Fluctuating Flow in a Cumberland River Watershed in Tennessee	Mark Rine
Room C	TNView Contest	Temporal Dynamics of Land Use and Cover in Knox County, Tennessee: A Geospatial Analysis Using NLCD and Geemap	Mahnaz Meem
Room C	TNView Contest	Skyward Sentries: Detecting Unmarked Burials with Drones and Geophysics	Noah Hall