

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 |

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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 & Dr. Eileen Ernenwein |
| 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 |

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| 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 |

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| 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 Edie |
| Room C | Solutions | Enabling your Data! | Kenneth Bryant |

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|-------------------|--------------|--|-------------------|
| 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 | Tracking Tornado Alley: How is it Changing and Why? | Matt Lane |

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

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|-----------------|--------------|---|-------------------------|
| 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 | Cory Gens |
| Room B | Workflows | From Field to Attribute Table: Best Practices for Data Acquisition | Alex Lennon & Mark Crow |
| Room B | Workflows | Working in Harmony: GIS in Music City | Danielle Greer |

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|-----------------|----------------|--|------------------|
| 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 |