

2022 TNGIC Annual GIS



Tuesday | April 12, 2022

Start Time (CDT)

TOPIC

10:45 a.m.	13th Annual Golf Scramble - Buffet Lunch
12:00 p.m.	13th Annual Golf Scramble - Shotgun Start
8:30 a.m.	Live from Null Island: An Introduction to OpenStreetMap
12:30 p.m.	An Interactive Overview of ArcGIS Field Applications

2022 TNGIC Annual GIS Conference Schedule



Wednesday | April 13, 2022

Start Time (CDT)	TOPIC
7:00 - 9:00 a.m.	Breakfast
8:00 a.m. - 12:00 p.m.	Registration
8:00 a.m. - 4:30 p.m.	Exhibit Hall
9:00 - 9:30 a.m.	Opening Session
9:30 - 10:30 a.m.	Keynote
10:30 - 11:00 a.m.	Break
11:00 a.m. - 12:00 p.m.	State of the State
12:00 - 1:30 p.m.	Lunch
1:30 - 3:00 p.m.	Presentations
3:00 - 3:30 p.m.	Break
3:00 - 5:00 p.m.	Presentations
5:30 - 9:30 p.m.	Social

2022 TNGIC Annual GIS Conference Schedule



Thursday | April 14, 2022

Start Time (CDT)	TOPIC
6:30 - 8:00 a.m.	Breakfast
7:30 a.m. - 2:30 p.m.	Exhibit Hall
8:00 - 10:30 a.m.	Registration
8:00 - 9:30 a.m.	Presentations
9:30 - 10:00 a.m.	Break
10:00 - 10:30 a.m.	TNGIC Business Meeting
10:30 - 11:30 a.m.	Presentations
11:30 - 11:45 a.m.	Break
11:45 a.m. - 1:00 p.m.	Lunch
1:00 - 2:00 p.m.	TNGIC Board Member Panel
2:00 - 3:00 p.m.	Esri - The Infrastructure Bill and You! Leveraging ArcGIS to Meet New Challenges
3:00 - 3:30 p.m.	Closing Ceremony

2022 TNGIC Annual GIS Conference Schedule



Wednesday | April 13, 2022

Start Time
(CDT)

Room B

Room C

Room D

1:30 p.m.	UAV Applications: Surveying with Accuracy	Untold Stories: Geophysics and Mapping the Battle of Nashville	The TomTom Road Event Reporter Demo...or Know Traffic, Beat Traffic - Steven Thomas
Presenter	Michelle Fields	Stacy Curry-Johnson / Natalie Robbins	Steven Thomas
2:00 p.m.	How GIS is preparing for the EPA's Revised Lead and Copper Rules	When Seconds Count: Enhancing Public Safety Using High-Res Aerial Imagery	
Presenter	Megan Catalina / Abby Dylag	Justin Klinkenberg / Paul Dudley	
2:30 p.m.	GIS: A Brief History of Mapping	Preparing for Esri Utility Network Migration	For the Birds: The Making of a Storymap for the Elizabethton Bird Club
Presenter	Nikolas Smilovsky	Mandy O'Shea	Rachel Whiteman
3:00 p.m.	Break	Break	Break
3:30 p.m.	Transforming Web AppBuilder for ArcGIS Widget Development	Database Sequences - AutoIDs the easy way	Creating Asynchronous Job Aids, Onboarding, and Training Material
Presenter	Scott Stafford-Veale	Jeff Kirchberg	Michael Camponovo
4:00 p.m.	Evaluating Spatiotemporal Patterns in US Tornado Occurrence with Space Time Cube Analysis and Linear Kernel Density Estimation: 1950-2019	Arcade Across the Platform	Open-Source Community, Addressing, and 911
Presenter	Darrell L. Wiser	Mike Sweeney	Randal Hale
4:30 p.m.	On Demand, Custom, Topographic Maps	Crawl, Walk, Run: Fundamentals are Fundamental	Aging Like Fine Wine? Pipe Integrity Over Time: Uniting Remoting Sensing and GIS
Presenter	George Heleine	Tim Poe	Benjamin Lundberg

2022 TNGIC Annual GIS Conference Schedule



Thursday | April 14, 2022

Start Time (CDT)

Room B

Room C

8:00 a.m.	Johnson City through the Years	Map on Tap - How Hydraulic Models Bridge GIS and Drinking Water
Presenter	Heather White	Serena Hostetter / Ashley Mallela
8:30 a.m.	How to Feed the World by 2050: Mapping Three Solutions	Out of this world mapping: Planetary geologic mapping in support of space exploration
Presenter	Maya Rao	Jeannette Wolak Luna
9:00 a.m.	Cost of Community: Urban Renewal in Knoxville and the Impact on Black Spaces	An Experience to Remember - The Day I First Met Esri's Experience Builder
Presenter	Trevor Davis / Heath Allen	Andrew McDonagh / Leah Fuller
9:30 - 10:30 a.m.	Break	Break
10:30 a.m.	Integro-what? Using mobile apps and an automation platform to streamline field inspections	Using GIS and MaxEnt Modeling to Predict Spring Locations and Aquatic Resources in the Karst Landscape surrounding Arnold Air Force Base, Tullahoma, TN
Presenter	Ben Baker	Samantha Allen
11:00 p.m.	Understanding the impacts of transverse bars on beach dynamics	Tennessee Crash Analytics & Safety Tool: Applying GIS Concepts in a Non-GIS Environment
Presenter	Jonathan Bell / Mayra A. Roman-Rivera	Marshall Wilson