

REGIONAL GIS MEETING

May 16, 2024 - 9:00am - 4:00pm

Trinity Metro

Fort Worth Central Station - 1001 Jones St.

MORNING SESSIONS

9:00am **Welcome & Spatial Data Cooperative Program Update - Shelley Broyles - NCTCOG**

9:10am **Using Trinity Metro GTFS Data in Your GIS Projects - Phil Dupler & Vani Chitprolu - Trinity Metro**

A brief introduction to Trinity Metro public transit system and the GoPass App followed by instructions how you can download the General Transit Feed Specification (GTFS) files illustrating the fixed route network and convert them for use in ArcGIS Pro.

9:40am **Enhancing Incident Resolution: Postmortems with ArcGIS Monitor - Natalie Watkins - City of Fort Worth**

In early 2023, the City of Fort Worth implemented ArcGIS Monitor, a crucial tool that has provided us with dependable metrics for diagnosing and resolving issues within our GIS Infrastructure. This tool has played a vital role in addressing incidents and establishing benchmarks for performance evaluation.

10:00am **The City of Fort Worth Buildable Lands Inventory: Where to Start Digging - Luis Vasquez - City of Fort Worth**

The City of Fort Worth is currently developing a Buildable Lands Inventory (BLI), which is intended to identify undeveloped or underutilized land by analyzing and mapping key land use factors in GIS. To create the BLI, city staff has leveraged GIS tools including FME, ModelBuilder, and ArcGIS Pro, so that data can be analyzed in a streamlined process.

10:35am **Santa on the Move: Mapping Parades in Real Time - Brian Jones - City of Farmers Branch**

Using ArcGIS Online, Survey 123, QuickCapture, and ArcGIS Network Analyst, plan, share, and evaluate a parade route with real time tracking of parade progress.

11:05am **Remote Sensing & GIS for Public Works – Bill Swope, CP - Halff Associates**

With advancements in geospatial data collection methods over the past ten years remote sensing has emerged as a primary solution for data collection for a variety of public works project types. This presentation will cover a variety of remote sensing strategies for data collection for public works projects and how they can be used in GIS effectively.

11:35am **What to Know about the Latest Release of ArcGIS Pro 3.2 - Anna Gonzalez - ESRI**

AFTERNOON SESSIONS

1:30pm **Addressing 911 Challenges: 3D GIS Supporting Z-Axis** - Heather Geyer - Fugro

What began as a common request for the acquisition of oblique data turned into the evolution of a fully-fledged solution that has been developed to assist dispatchers and first responders during emergency response. We'll quickly review the solution and take a deeper dive into different options to aid GIS departments develop, and get the most out of, 3D data along with lessons learned and how a 3D GIS can benefit everyone – from the tax assessors department to public utility to E911 and beyond.

2:00pm **Designing Effective GIS Dashboards: Tailoring Complexity to the District's Needs** - Emily McBroom - Mustang Special Utility District

In GIS, the ability to distill and display complex spatial data effectively is key to driving decision-making processes. This presentation will delve into the nuances of designing GIS dashboards tailored to meet the specific needs of various departments within our organization. By showcasing a range of dashboard examples, I will highlight how each dashboard has been thoughtfully created with the anticipated user and their unique requirements in mind.

2:45pm **Meet the Projects: A brief look at the NCTCOG Research Team** - Sarah Jackson - NCTCOG

This presentation will walk through the ongoing projects of the Research team (the Research in the Research & Information Services (RIS) Department), will explain the work being done, and show how each project is used to build the larger whole. The team produces a range of products that are used internally and externally throughout the DFW region. The majority of the projects run simultaneously and can span years to develop.

3:00pm **OpenStreetMap and NCTCOG: Exploring the Possibilities** - Cabe Cupit - NCTCOG

OpenStreetMap (OSM) is an open-source, publicly-maintained street mapping platform that is free to use under an open license. NCTCOG's Transportation Department has been dabbling with OSM for some time, and this experimentation has resulted in several applications and tools that consume its data. NCTCOG has also contributed some information to OSM on behalf of the region, and we would like to ramp up contribution activities in the future as another means of openly sharing the wealth of data we have on hand related to the region's transportation system.

3:15pm **Power Automate- Simple ways to empower your GIS data** - Chase Wood - Lamb-Star

This presentation will walk through how to set up an email notification with dynamic content from a feature layer (Originating from Survey123) and how to file a PDF attachment into SharePoint (applies to other file hosts as well) in the same flow.

URISA Mappy Hour

4pm | Malone's Pub | 1303 Calhoun St.