

# Training / Seminar Approval Form

**Department Name:** Information Technology

**Seminar Name:** SCAUG 33rd Annual Conference at Frisco, Texas

**Purpose:** Receive training and increase knowledge base of GIS techs

**Place:** Frisco, Texas

**Date:** April 18th to 21st, 2023

**Who Will Be Attending:**

Ashley Palmer

Elizabeth Keoughan

**This Training/ Seminar is necessary for the following reasons:**

- |  |  |
|--|--|
| <input type="checkbox"/> Required continuing education       | <input checked="" type="checkbox"/> Job training |
| <input checked="" type="checkbox"/> Improve work performance | <input type="checkbox"/> Required certification  |

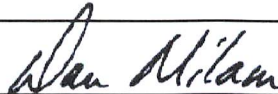
**Attach Registration Form and Complete the following information:**

Amount of registration \$300 + \$150 for Workshop Date registration is due Early Registration ASAP

- Return check to department head (Invoiced after PO Issued)
- Request Treasurer to mail check with registration

If an advance is requested, attach a completed Johnson County Travel Form.

**Department Head Signature:**



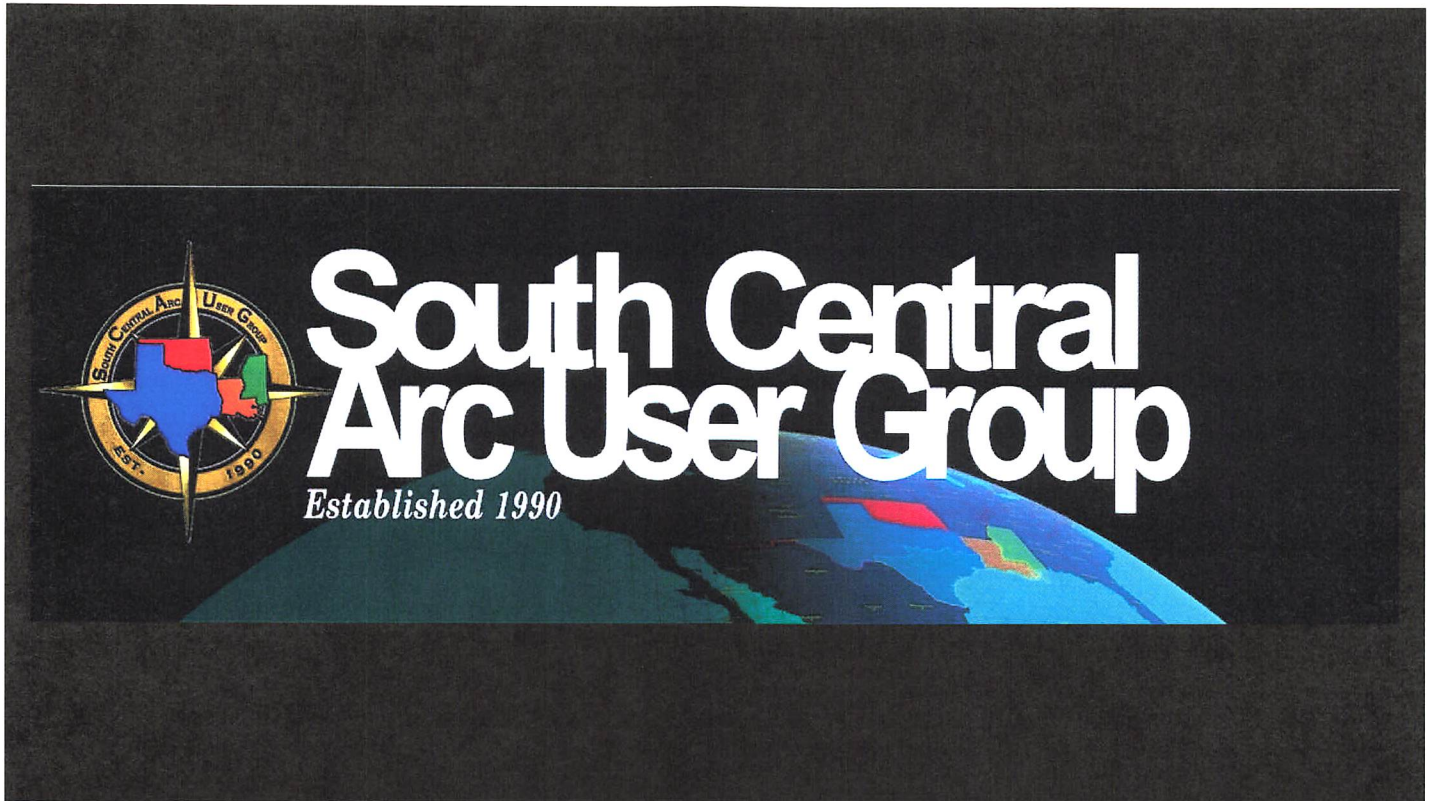
COMMISSIONERS COURT

**\*SEND FORM TO COUNTY JUDGE'S OFFICE\***

MAR 13 2023

RECEIVED BY COUNTY JUDGE'S OFFICE \_\_\_\_\_ DATE: **Approved**

APPROVED BY COMMISSIONER'S COURT: \_\_\_\_\_ DATE: \_\_\_\_\_



[Back](#)

Add to my calendar

## 33rd Annual SCAUG Conference -2023 Frisco, TX

Start 18 Apr 2023  
End 21 Apr 2023  
Location 7600 John Q Hammons Dr, Frisco, TX 75034  
Registered [138 registrants](#)

### 33rd Annual South Central Arc User Group Conference

#### REGISTRATION

- Administrative
- **Early Full Registration for Conference – \$300.00**

- **Student Early Full Registration for Conference – \$100.00**



AMERICAN EXPRESS

OFFLINE

**REGISTER**



**Frisco, Texas**

**April 18-21, 2023**

**Embassy Suites by Hilton Dallas - Frisco Hotel & Conv. Center**

**Frisco, TX 75034**

**7600 John Q Hammons Dr, Frisco, TX 75034**

***(972) 712-7200***

**[SCAUG Conference Hotel Group Rate - \\$199 thru March 21, 2023](#)**

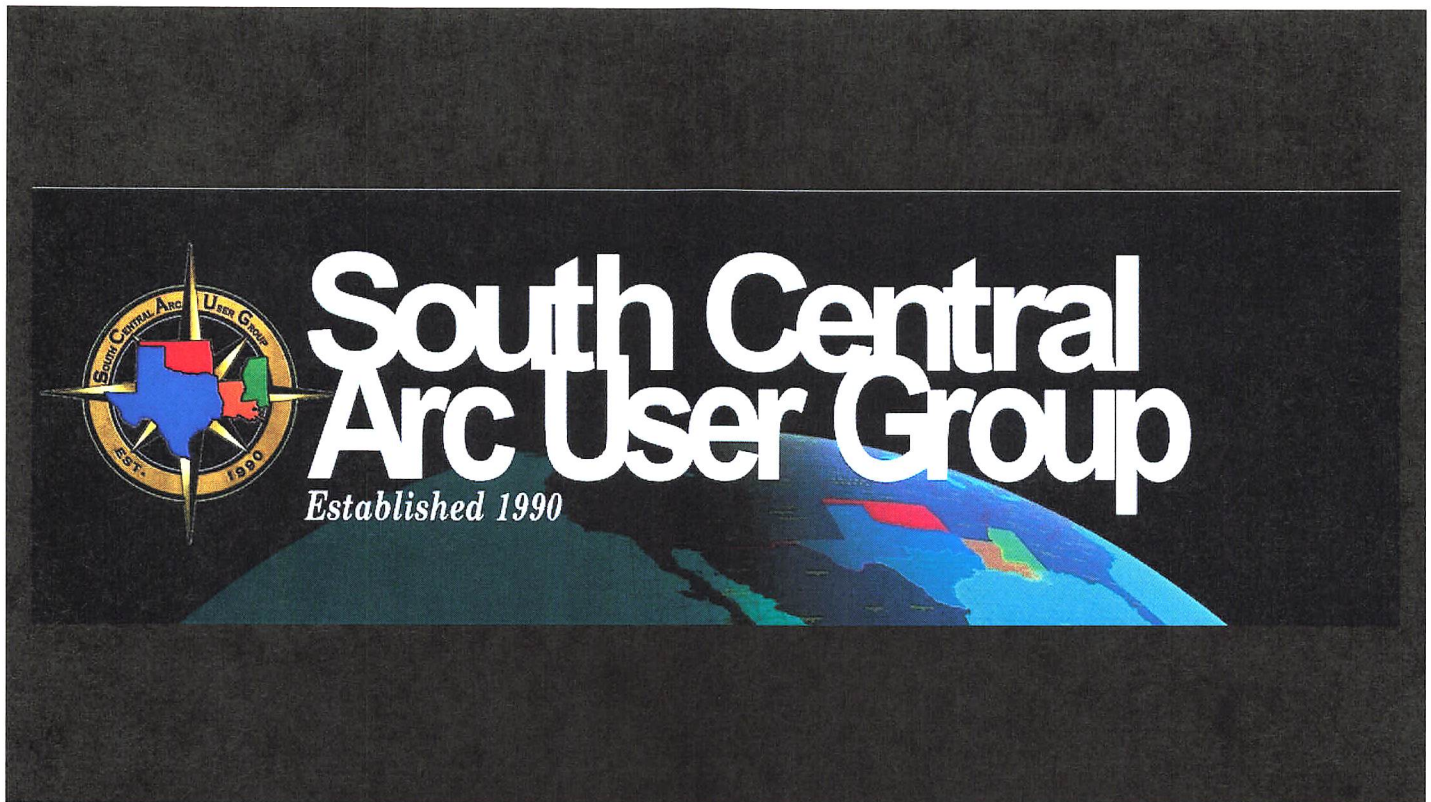
**Must register before March 1, 2023 to receive a conference shirt!**

**Early Registration Ends March 1, 2023**

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**[General Agenda](#)**  
**[Attendee Registration](#)**  
**[Exhibitor Registration](#)**  
**[Hotel Reservations](#)**

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## GENERAL AGENDA

Tuesday, April 18, 2023 Workshops

*Click Here For Course Descriptions ( <https://scaug.org/2023-SCAUG-Workshops> )*

**Esri - Maximizing Field Operations with ArcGIS - Part I 8 AM - Noon Cost \$ 150**

**John May -Introduction to SQL for Enterprise Databases 8 AM - Noon Cost \$ 150**

**Esri - Maximizing Field Operations with ArcGIS - Part II 1 PM - 5 PM Cost \$ 150**

**John May -Advanced SQL for Enterprise Databases 1 PM - 5 PM Cost \$ 150**

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Wednesday, April 19, 2023 Workshops

*Click Here For Course Descriptions ( <https://scaug.org/2023-SCAUG-Workshops> )*

**Esri - More than ArcGIS Online Fundamentals 8 AM - Noon Cost \$ 150**

**NewEdge - Understanding Standard ArcGIS Enterprise Configurations 8 AM - Noon Cost \$ 150**

**Esri - Investigating GeoAI with ArcGIS 1 PM - 5 PM Cost \$ 150**

**Nikolas Smilovsky (The Bad Elf) - Field Data Collection Techniques 1 PM - 5 PM Cost \$ 150**

**Hour 6:00 - 7:00 Atrium Welcome Social**

<b>Thursday - Opening Session/Keynote</b>		
<b>Foyer/Ballroom Frisco - 6</b>		
April 20, 2023		
<b>7:30 AM - 9:00 AM Registration &amp; Breakfast</b>		
<b>Foyer/Ballroom - Frisco 6</b>		
<b>9:00 AM - 11:00 AM Opening</b>		
<b>Session</b>		
Welcome		
Conference Committees		
Conference Agenda		
Contributor Contributions		
Founders & Award Winners		
Scholarship Winners		
2023 SCAUG Officer Introductions		
Close of Opening Session		
<b>11:00 AM Keynote Speaker - Nikolas Smilovsky, PhD, GISP "The Bad Elf"</b>		
<b>Noon - 1 PM Adjourn for Catered Lunch</b>		
<b>Foyer/Ballroom Frisco 6</b>		
<b>1 PM - 5 PM Break for Afternoon Presentation Tracks</b>		
<b>Thursday April 20, 2023 - Afternoon Presentation Schedule</b>		
<b>Track 1 - Indian Trail</b>	<b>Track 2 - Buffalo Trail</b>	<b>Track 3 - Comanche</b>
1:00 PM - 1:50 PM	1:00 PM - 1:50 PM	1:00 PM - 1:50 PM
Half Associates – Valileios Kalogirou	City of Frisco – Susan Olson	Esri Hands On Learning Lab
Existing & Upcoming Horizontal Vertical datums & the Impact to the Mapping Industry	Visualizing Real-Time Data to Provide Situational Awareness for Emergency Response	
2:00 PM- 2:50 PM	2:00 PM- 2:50 PM	2:00 PM- 2:50 PM
Woolpert – Brent Wilson		Esri Hands On Learning Lab
Think Beyond Work Management to added Asset Lifecycle Management		
10:20 PM - 10:50 PM	10:20 PM - 10:50 PM	10:20 PM - 10:50 PM
		Esri Hands On Learning Lab

3:00 PM - 3:30 PM Exhibit Break	3:00 PM - 3:30 PM Exhibit Break	3:00 PM - 3:30 PM Exhibit Break
3:30 PM - 4:00 PM	3:30 PM - 4:00 PM	3:30 PM - 4:00 PM
Fugro – Angie Pelkie Machine Learning Approaches for Accurate Lidar Classification		Esri Hands On Learning Lab
4:10 PM - 4:40 PM	4:10 PM - 4:40 PM	4:10 PM - 4:40 PM
City of New Braunfels - Neil Rose GISP The Case for 311: Using ArcGIS Survey 123 and Cartegraph	Tyler Technologies – Craig Dixon Empowering Communities & Engaging Citizens Through GIS-Centic Software	Esri Hands On Learning Lab
4:45 PM - 5:15 PM	4:45 PM - 5:15 PM	4:45 PM - 5:15 PM
SFASU, Prairieview A&M - Dr. Darrel McDonald, Daniela Spade, Candace Perry Reflection on Disaster Response GIS Since the Columbia Shuttle Disaster	Chris Akin - Paratum Solutions The Management Trinity: Feedback, Coaching, One-on-Ones, & Delegation	Esri Hands On Learning Lab
6:00 - 7:00 PM	Welcome Social Hour	Atrium Lab

Friday - Opening Session	
April 21, 2023	
8:00 AM - 9:00 AM Foyer/Ballroom - Frisco 6	Registration & Breakfast/Welcome
9:00 AM	Break for Presentations

Friday April 21, 2023 - Morning Presentation Schedule		
Track 1 - Indian Trail	Track 2 - Buffalo Trail	Track 3 - Comanche
9:00 AM - 9:30 AM	9:00 AM - 9:30 AM	9:00 AM - 9:30 AM
Laura Strobe - City of Frisco, TX ISD Camera Health Check Application		Esri Hands On Learning Lab
9:40 AM - 10:10 AM	9:40 AM - 10:10 AM	9:40 AM - 10:10 AM
Robbie Highfield - City of Fate, TX Utilizing Esri ArcPro for Single Family Rental Tracking & Analysis		Esri Hands On Learning Lab
10:20 AM - 10:50 AM	10:20 AM - 10:50 AM	10:20 AM - 10:50 AM
Neil Rose GISP City of New Braunfels, TX; Chris Akin GISP - Paratum Solutions		Esri Hands On Learning Lab
I Do More Than Make Maps! How to "Sell" GIS to Stakeholders		

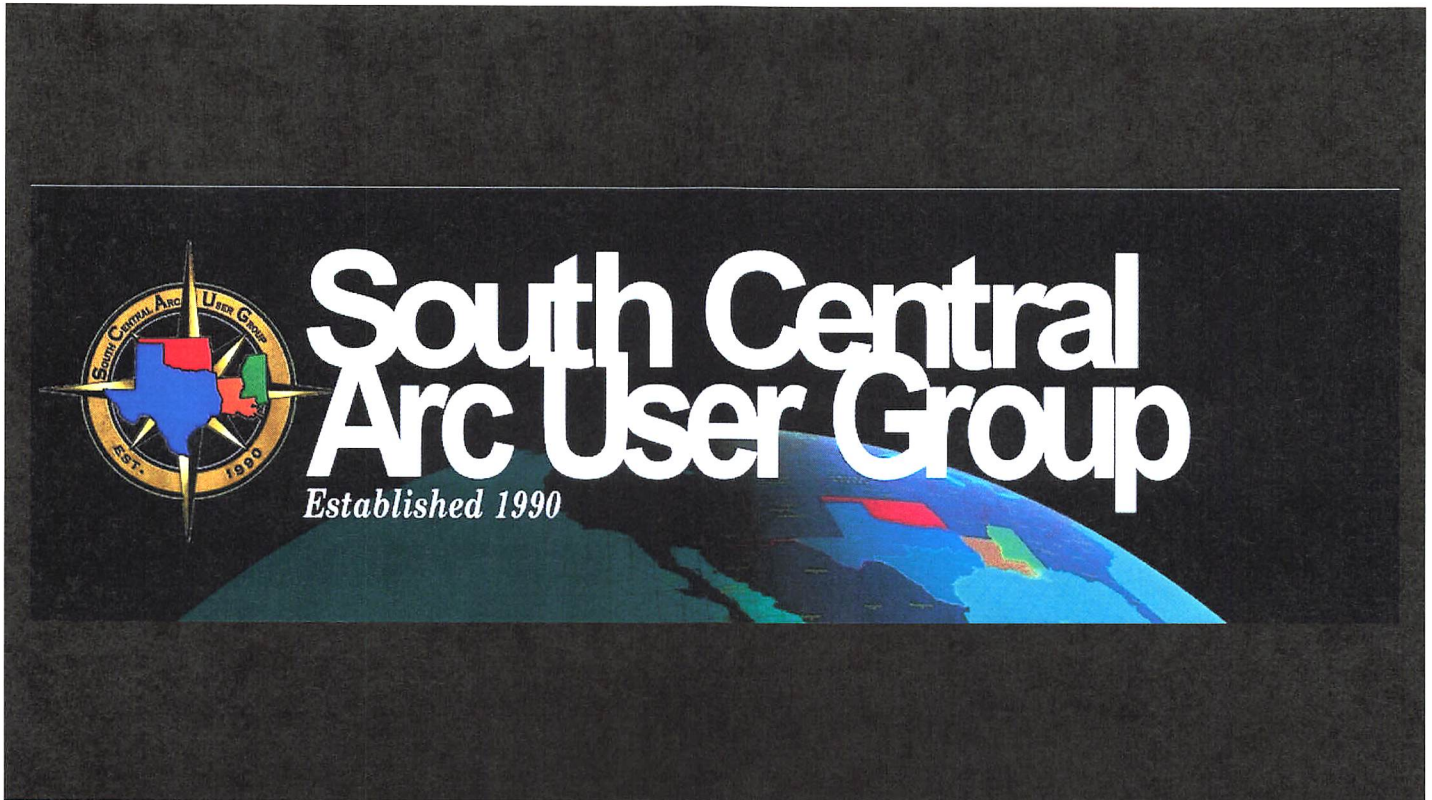
11:00 AM - 11:40 AM	11:00 AM - 11:40 AM	11:00 AM - 11:40 AM
	AM	Esri Hands On Learning Lab
Noon - 1:00 PM	Break for Catered Lunch	Foyer/Ballroom - Frisco
6		
1:00 PM - 5:00 PM	Break for Afternoon Presentation Tracks	

## Friday - April 21, 2023 Afternoon Presentation Tracks

Track 1 – Indian Trail	Track II – Buffalo Trail	Track III - Comanche
1:00 PM – 1:50 PM	1:00 PM – 1:50 PM	1:00 PM – 1:50 PM
Chris Akin GISP - Paratum Solutions  Acting Professional: Behavioral Tips & Tricks No One Teaches You		Esri Hands On Learning Lab
2:00 PM -2:50 PM	2:00 PM -2:50 PM	2:00 PM -2:50 PM
		Esri Hands On Learning Lab
3:00 PM – 3:30 PM Exhibit Break - Ballroom	3:00 PM – 3:30 PM Exhibit Break - Ballroom	3:00 PM – 3:30 PM Exhibit Break - Ballroom
3:30 PM – 4:00 PM	3:30 PM – 4:00 PM	3:30 PM – 4:00 PM
		Esri Hands On Learning Lab
4:10 PM – 4:40 PM	4:10 PM – 4:40 PM	4:10 PM – 4:40 PM
		Esri Hands On Learning Lab
4:40 PM – 5:00 PM Closing Session - Ballroom		
Session Close - Exhibit Takedown		

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## Pre Conference Workshops

**Conference Registration Required to Attend Workshops**

***Tuesday, April 18, 2023***

**Esri - Maximizing Field Operations with ArcGIS (Part 1) 8 AM – Noon Cost: \$ 150 - laptops required / not provided**

Session Description - The ArcGIS platform has various field applications and learning how to truly maximize time in the field needs to be done before hand. Discover best practices to configure and deploy ArcGIS field productivity apps to meet your data collection needs. Throughout this workshop, users will learn how to prepare data for use, share data online and create applications. Along the way users will learn What's New in 2023 for ArcGIS Field Maps, ArcGIS Survey 123, ArcGIS QuickCapture, and ArcGIS Dashboards. Participants will need to bring their own laptops.

**John May: Introduction to SQL for Enterprise Databases – 8 AM – Noon Cost: \$ 150 - laptops not required**

Session Description - This tutorial is designed for people who are new to SQL and would like to use it to answer questions with data. SQL is the cornerstone of data analysis—it's used for accessing, cleaning, and analyzing data stored in databases. It can be used to quickly answer questions and analyze data. This class will focus on SQL operations within an ESRI geodatabase environment consisting of feature classes, related tables, and attachment tables and include SQL code examples that could be reused in your environment.



The following topics will be covered:

1. Important Enterprise Database Design Considerations
2. SQL Do's and Don'ts for Enterprise Databases
3. SQL Operations (SELECT, WHERE, LIKE, IN, BETWEEN, AND, OR, IS NULL, Order BY)
4. SQL Data Manipulation (COUNT, SUM, AVG, GROUP BY, CASE, DISTINCT, INNER JOINS, OUTER JOINS, LEFT JOINS, UNION, SELF JOINS)

**Esri - Maximizing Field Operations with ArcGIS (Part II) 1 PM – 5 PM Cost: \$ 150 - laptops required / not provided**

Session Description - The ArcGIS platform has various field applications and learning how to truly maximize time in the field needs to be done before hand. Discover best practices to configure and deploy ArcGIS field productivity apps to meet your data collection needs. Throughout this workshop, users will learn how to prepare data for use, share data online and create applications. Along the way users will learn What's New in 2023 for ArcGIS Field Maps, ArcGIS Survey 123, ArcGIS QuickCapture, and ArcGIS Dashboards. Participants will need to bring their own laptops.

**John May: Advanced SQL for Enterprise Databases - 1 PM – 5 PM Cost: \$ 150 - laptops not required**

Introduction - This class will focus on advanced SQL topics which can be used in Enterprise Databases to automate data, perform geoprocessing, and create hybrid and virtual feature classes and tables. This class requires the student to possess an in-depth knowledge of SQL. Attendees need to be comfortable using SQL to query and analyze data.

The following topics will be covered:

1. TRIGGERS
2. VIEWS
3. GEOPROCESSING
4. STGEOMETRY METHODS (Shape field): (AREA, TEXT VALUES, BUFFER, CENTROID, CONTAINS, DISTANCE, ENDPONT, INTERSECTS, UNION, WITHIN, X COORDINATE, Y COORDINATE)

*Wednesday, April 19, 2023*

**Esri - More than ArcGIS Online Fundamentals 8 AM – Noon Cost: \$ 150 - laptops required / not provided**

Session Description - ArcGIS Online is a SaaS mapping and analysis solution that enables users to make maps, analyze data, that they can share and collaborate with others. At its core, it allows users to create and explore beautiful, authoritative maps that transform data into actionable information. Learn how to use new features in the Map Viewer, learn about new concepts in Smart Mapping, understand how to use the new Arcade Editor and see what's new in other Apps! Participants will need to bring their own laptops.

**NewEdge: Understanding ArcGIS Enterprise Configurations – 8 AM – Noon Cost: \$ 150 - laptops not required**

Session Description - Understanding Standard ArcGIS Enterprise Configurations. This workshop will focus on the ArcGIS Enterprise components (ArcGIS Server, Portal for ArcGIS, ArcGIS Data Store, ArcGIS Web Adaptor and the Geodatabase) and recommended architecture. A broad range of topics will be covered including the roles of each component, security, network requirements, the cloud, single sign on, database maintenance, and tips and tricks to get the most out of your system.

The presenters are Trae Timmerman and Lee Irminger from NewEdge Services. Both have extensive experience with the ArcGIS products, specifically ArcGIS Enterprise. Trae received his Bachelor of Science degree in Environmental Spatial Analysis

from the University of North Georgia and is currently working on a Master of Science in Information Technology from the University of North Carolina Charlotte. His work experience covers a broad range of areas within the GIS field with his latest job being an ArcGIS Enterprise Support Specialist with Esri. Lee also graduated from the University of North Georgia with a Bachelor's in Applied GIS and Environmental Science. Prior to joining NewEdge, he was the GIS Administrator for the 2nd largest county, Gwinnett County, in Georgia where he worked with a federated ArcGIS environment with staging and production on 35 servers.

**Esri - Investigating GeoAI with ArcGIS 1 PM – 5 PM Cost: \$ 150 - laptops required / not provided**

Session Description - GeoAI is the intersection of machine learning and location intelligence. It's a cross-cutting capability available in many ArcGIS products, helping organizations in every sector do more with their data. Learn how to use location data as the connective thread to reveal hidden patterns, improve predictive modeling, and create a competitive edge. Please join us to explore the powerful built-in tools with machine learning and deep learning frameworks that ArcGIS offers. Participants will need their own laptops.

**Nikolas Smilovsky(The Bad Elf) - Field Data Collection Techniques 1 PM – 5 PM Cost: \$ 150**

Comprehensive training on field data collection

**Conference Registration Required**

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Site Design by Site to be Seen

South Central Arc Users Group

P.O. Box 96

Ardmore, OK 73402