



GIS Day 2023

**Stephen F. Austin State University
East Texas GIS & GPS User Group**



**November 10, Friday
Forestry Building, Rm 117**

09:30 AM - Networking

09:45 AM - Welcome & Announcements

10:00 AM – Group Picture with SFA Forestry Building (soon to be demolished for a new building)

10:10 AM - Keynote Presentation

Geospatial Archaeology: LiDAR for Hidden Feature Identification in a Forested Environment, Jeff Williams, A Landscape Archaeologist

11:00 AM - Break - Provided by [Hydrex Environmental](#)

11:20 AM – (3) ETUG Member Presentations - 20 minutes each

GIS for the Greater Good: On the Uses of (and Possibilities for) GIS in Local Government, Rachel Abouras, Data Analyst, City of Longview - Information Services

GIS Adjacent: Some Things I Didn't Know I Needed to Know, Kasey Cox, 9-1-1 GIS Data Administrator, North Central Texas Emergency Communications District

12:20 PM - Lunch - Provided by [Arthur Temple College of Forestry and Agriculture](#) and [South Central Arc User Group \(SCAUG\)](#)

1:40 PM – (3) SFA Student Presentations - 20 minutes each

Goal for a Litter-Free Campus: A Survey123 Project, Rebecca Arnold & Dayton Hamilton, Senior in Geospatial Science

Mapping Emergency Call Boxes on SFA Campus, Damian Santaclara & Garrison Layne, Senior in Geospatial Science and Senior in Environmental Science

2:40 PM - Break - Provided by [Allterra](#)

3:00 PM – Panel Discussion

Prepare for the Ever-Evolving Geospatial Job Market

Jon Streeb, GIS Administrator, Deep East Texas Council of Governments

Rob Davis, Vice President - Survey, Lamb-Star Engineering

Robert Potts, Natural Resources and Planning Staff Officer, National Forest and Grasslands in Texas

Bobby Miller, Drone Division Manager, Hydrex Environmental

3:50 PM - Door Prizes and Closing

[Student Association of Spatial Scientists](#)

COLLEGE OF FORESTRY AND AGRICULTURE, STEPHEN F. AUSTIN STATE UNIVERSITY

GIS day

Share your passion and inspire the World with GIS

Online registration at <https://guestli.st/760494>

The Keynote:

Mr. **Jeff Williams** retired from the College of Forestry and Agriculture at SFA in the spring of 2021 after serving 18 years as the GIS Administrator. Jeff is an archaeologist and geospatial scientist who specializes in landscape level studies utilizing remote sensing and GIS applications for cultural resource identification in a forested environment. He has been using GIS while conducting archaeological investigations and inventorying historic trail segments in eastern Texas and western Louisiana for over 30 years. For the last 20 years, Jeff has been using LiDAR to aid in his search for East Texas' earliest archaeological sites.



Abstract: Composed of physical disturbances, the archaeological record at the landscape level is at best an incomplete catalog of the interactions of human activity and the natural world. A forested environment obscures surface features of the archaeological record. East Texas is a culturally rich area that is heavily forested thereby both protecting and obscuring the features associated with activities of these indigenous peoples. The capture and subsequent analysis of LiDAR are being used with terrestrial surveys to aid in the identification of these hidden archaeological features not easily seen on the ground or in conventional aerial photography.

Thanks to our sponsors:



Contacts:

Damian Santaclara, santaclad@jacks.sfasu.edu
Dr. I-Kuai Hung, HungI@sfasu.edu

John Streeb, JStreeb@detcog.gov