



AIPG - TX
presents

2018
GEODAYZ

Feb. 24 & 25, 2017

1120 NW Stallings Dr.
Nacogdoches, TX

Learn About the Application of Geological Techniques For Students & Professionals



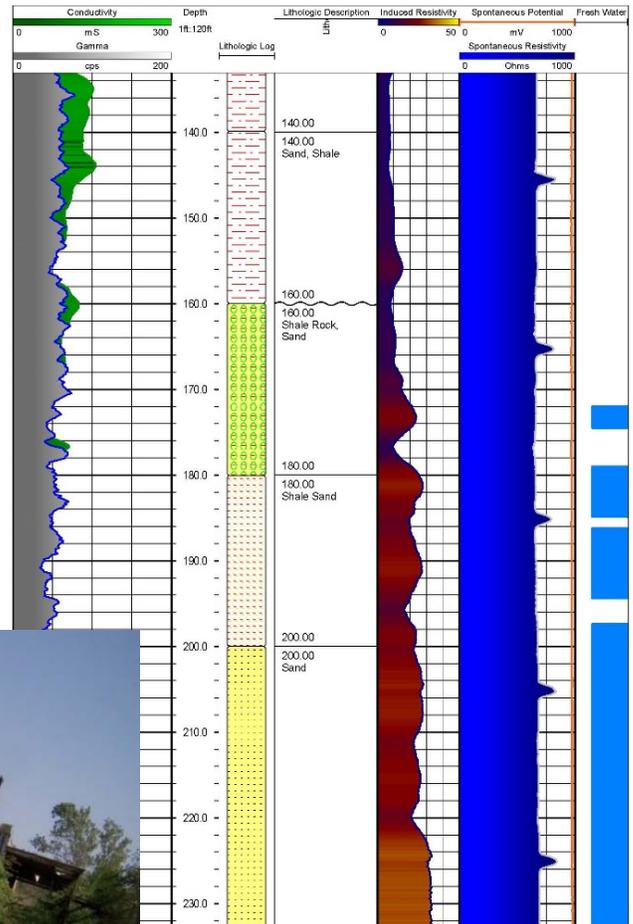
Featuring Demonstrations or Presentations of:

- **Project Management Practices:** Scope of Work, Health and Safety, Laboratory Selection, Duplicates and Blanks, Project Preparation.
- **Wetlands Geology:** Presentation on soil and hydrology characteristics that determine identification of wetlands; will include discussion of how hydric soils are formed, changes in soil chemistry, and the role of geology in wetlands development.
- **Direct-Push Technology Sampling of Soils and Sediments, and Rocks:** Use direct-push technology to demonstrate environmental soil sampling, OVM screening, logging, & decontamination protocol. Rotary and RSD Drilling and Sampling (and Coring) in consolidated sediments. Hydraulic hammer drilling in igneous and metamorphic rocks.
- **Hollow Stem Auger (HSA) Drilling & Monitor Well Installation in Unconsolidated Sediments:** Demonstrate monitor well installation using hollow-stem auger.
- **Low-Flow Purge Groundwater Sampling:** Use on-site monitor wells to demonstrate low-flow sampling using bladder pump, RF2, and peristaltic pump.
- **Geophysical Well Logging:** Use on-site monitor well to demonstrate geophysical logging of monitoring wells, demonstrating rig up, calibration, software, induction, gamma, SP, single point resistivity.
- **Resistivity Mapping:** Demonstrate aquifer mapping through the use of identification of highly-resistive "major" sands, input to internal data storage application, and output into 3-D modelling software.
- **Drone Surveying:** Demonstrate utilization of sUAV (drone) in conducting various surveys.
- **GIS Mapping:** Demonstrate various ways GIS mapping is used is used in environmental projects.
- **Storm water Monitoring & Phase I ESA:** Provide an overview of storm water monitoring for construction & industrial facilities. Provide an overview of Phase I Environmental Site Assessment.



Who should attend:

- **Students** who have an interest or would like to explore a career in the geosciences.
 - **New Professionals** who want to expand their knowledge of the application of geoscience in environmental-related fields.
- and
- **Established geological professionals** interested in continuing their education (*receipt for professional development hours will be provided*)





AIPG – TX is proud to host GEODAYZz in Nacogdoches – The Oldest Town in Texas, the home of Stephen F. Austin State University, and one of the top ten tourist destinations in the state. Opportunities to experience Texas history up close and first-hand is a big reason for the ranking. Named after the local Caddo tribe called the “Nacogdoche” who came to East Texas around 800 A.D. In 1716 the Spanish built missions in this area and the French began to explore the area to set up trade with the Native Americans. From the Old Stone Fort and Old Nacogdoches University Building to Millard’s Crossing and the Sterne-Hoya House, the oldest town in Texas boasts numerous museums, historic landmarks, and statues that interpret the history of Texas and Nacogdoches.

One can also experience the beauty of Lanana Creek Trail. Originally an Indian footpath, this trail extends for 6.9 miles through forests, past Father Margil’s Spring, through the SFA Mast Arboretum, to open floodplain prairies in the northern part of town.

If shopping is your thing, you can visit the locally-owned specialty stores, antique stores, and restaurants located in the downtown area on the distinctive red brick streets.



AIPG – TX has blocked a limited number of rooms at The Fredonia Hotel for a rate of \$119 per night. Located in the downtown area within walking distance of many shops and points of interest, the Fredonia is an Historic 1950’s Boutique Hotel, newly refurbished and renovated with all new, up-to-date amenities.

[To Reserve your Room\(s\), click \(here\)](#)

Registration

	AIPG Member *		Nonmember		Amount
	Early	Standard	Early	Standard	
Professional – Both Days	\$125	\$155	\$155	\$175	
Professional - 1 Day	\$75	\$90	\$90	\$125	
Professional >70 - Both Days	\$75	\$90	\$90	\$125	
Professional >70 - 1 Day	\$55	\$75	\$75	\$90	
Student - Full Meeting	Free	\$40	Free	\$75	
Student - 1 Day	Free	\$25	Free	\$40	
Price includes lunch on Saturday and hors d'oeuvre and small meal at mixer Saturday evening					
Total					

Early Registration for Professionals by January 10, 2018; Early Registrations for Students by January 26, 2018

Name:			
Address:	City:	State:	Zip:
Phone #:	Company or University		

SEND CHECK & COMPLETED FORM TO: AIPG-TX, 1810 Elmen St., Houston, TX 77019
Questions? Call Glen @ (936) 568-9451 or email gcollier@hydrex-inc.com

Or to Register for the Event on the AIPG-Tx.org Website Online: [click \(here\)](#).

We would appreciate having an idea of your interest in the different sessions.
 Please rank according to your interest (1-10, with 10 having the most interest).

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| _____ Project Management Practices

_____ Wetlands Geology

_____ Direct-Push Technology Sampling of Soils and Sediments, and Rocks

_____ Hollow Stem Auger (HSA) Drilling & Monitor Well Installation in Unconsolidated Sediments | _____ Low-Flow Purge Groundwater Sampling

_____ Geophysical Well Logging

_____ Resistivity Mapping | _____ Drone Surveying

_____ GIS Mapping

_____ Storm Water Monitoring & Phase I ESA |
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AIPG – TX GEODAYZ
Save the Date: Feb. 24 and 25, 2018
Where: Hydrex Environmental, 1120 NW Stallings Drive, Nacogdoches, TX
Sessions Run from 9 - 4 Saturday; 9 - 12 Sunday
Mixer @ 5:30 p.m. Saturday, Feb. 24



Texas Section

**AIPG-TX is Pleased to Announce the Guest Speaker
For the 2018 GeoDayz Event Will Be**

Kevin Stafford, Ph.D.

Dr. Stafford Will Speak On

**“Remote Sensing and Geophysical Characterization of
Evaporite Karst Geohazards for Spatial Delineation and
Improved Infrastructure Development within the Delaware
Basin, West Texas”**

Dr. Kevin Stafford is an Associate Professor of Geology at Stephen F. Austin State University. He joined SFASU in 2008 after completing his Ph.D. at New Mexico Institute of Mining and Technology where he specialized in karst processes and associated phenomena. His research includes carbonate/evaporite diagenesis, hydrogeology, and geochemistry of natural waters associated with karst systems ranging from modern carbonates to ancient evaporites. His work includes significant components of remote sensing and geophysical characterization for improved spatial delineation of megaporosity and fluid flow paths within karst aquifers, while current research is focused on karst geohazard characterization for risk assessment and infrastructure remediation.