



News & Notes

-Dave has recently finished his Mine Gas Safety and Investigations certification and is currently working on a graduate level certification in Synthetic Aperture Radar (SAR, InSAR) data acquisition and processing.

-SWG is currently in negotiation to purchase a GeoSLAM Zeb Horizon handheld LIDAR for use in 3D mapping of caves and mines as well as conducting precision volume estimates for tailings piles. We will be offering these services beginning in January, 2022.

-A journal article written by Dr. Decker and his colleagues Dr. Lewis Land of the National Cave and Karst Research Institute and Dr. Barbara Luke of the University of Nevada, Las Vegas was recently published in the Oklahoma Geological Survey Circular 113: Evaporite Karst in the Greater Permian Evaporite Basin (GPEB) of Texas, New Mexico, Oklahoma, Kansas, and Colorado. The publication is free and open access and can be found at this link: https://www.ou.edu/content/dam/ogs/documents/circulars/OGS_C113.pdf or on request from SWG.



Employee Spotlight:

Zachary Englebert
Field Technician

Zach has been with SWG since August 2020 when he started as a karst monitor. In 2021 he was promoted to Field Technician and also acts as the Training Manager.

Zach started caving in 2017 and has since become very passionate about cave conservation. In 2019 he served with the Montana Conservation Corps on their cave inventory program and is the creator of "Caver News" on Facebook.

Zach has recently obtained both his drone pilot's license and abandoned mine lands, underground mine safety certification, and is approaching qualification for independent operation of the company utility locating equipment. He has also finished his OSHA 40-hour HAZWOPER training and will be starting his SPRAT Level 1 Rope Technician training soon.

SWG_Q4-2021

Services Offered in Partnership or Through Prior Arrangement:

(For stand alone services and a full list of services offered see our website <https://swgeophys.com/services/>)

- Interferometric Synthetic Aperture Radar (InSAR) (available January, 2022)
Subsidence Monitoring | Satellite Geo-Data Acquisition | DEM Creation | Land Use Change Monitoring
- Terrestrial and Aerial Magnetometry
Archaeological Surveying | Sinkhole Detection | Utility Locating | UXO Clearing
- Cave and Abandoned Mine Services
Gating | Archaeological Inventory | Biological Inventory | Volume Assessments
- GPR surveys (2D & 3D)
UXO Clearing | Archaeological Mapping

