



ARIZONA GEOGRAPHIC INFORMATION COUNCIL
Natural Resources Virtual Presentation Series:
a geospatial focus on
**Open Source, Cloud Computing and Geospatial
Platforms for Big Data in Natural Resources**

THURSDAY, DECEMBER 7, 2022 | 1:00 PM - 3:00 PM (MST)

Google Meet joining info

Video call link: <https://meet.google.com/ucq-jsss-rhj>

Or dial: (US) +1 515-518-4066 PIN: 545 715 359#

1:00 PM	Welcome and AGIC Natural Resources Workgroup Overview Elisabeth vanderLeeuw & Jay Corum, AGIC NRWG Chairs
1:10 PM	Open Topography <i>Enabling Access to High Resolution Topography</i> Chelsea Scott, PhD & Emily Zawacki, PhD
1:55 PM	BREAK
2:05 PM	Cyverse <i>Analysis-Ready Cloud-Native Geospatial Data are here</i> Tyson Swetnam, PhD
2:50 PM	Wrap-up and closing Elisabeth vanderLeeuw & Jay Corum, AGIC NRWG Chairs
3:00PM	Event end

additional information about our presenters available on page 2

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Webinar Presenters



Dr. Chelsea Scott
Arizona State University, Open Topography

Dr. Chelsea Scott serves as an Assistant Research Professor at Arizona State University. For OpenTopography, she manages remote sensing and community outreach. She is a voting member of AGIC's 4D Geospatial Working Group. She has expertise in a variety of remote sensing techniques including lidar, UAV's and InSAR. Based on lidar data, Scott builds new processing tools for OpenTopography, characterizes how landscapes change over time, and assesses seismic hazard to critical infrastructure.



Dr. Emily Zawacki
Earthscope Consortium, Open Topography

Dr. Emily Zawacki is a Science Communication Associate at EarthScope Consortium. Zawacki supports education, outreach, and communications activities for OpenTopography. She develops educational activities related to lidar, highlights research applications of topographic data, and produces video shorts explaining interesting topics related to lidar and topography.



Dr. Tyson Swetnam
Institute for Computation and Data-enabled Insight, Cyverse

Tyson Swetnam is a Research Associate Professor of Geoinformatics at The University of Arizona (UArizona) and the Director of Open Science in the Institute for Computation and Data-enabled Insight. Dr. Swetnam's research covers a broad range of science and cyberinfrastructure applications where he collaborates with a diverse group of data science oriented projects in both Life and Earth Sciences. Dr. Swetnam is Co-principal investigator of CyVerse, the largest ever investment in cyberinfrastructure for the Life Sciences by The National Science Foundation; he also leads and co-leads multiple extramural research awards focused on data science, remote sensing of the environment, artificial intelligence and machine learning.