MEET ESRI AT AGU23!

Join science and mapping experts at **booth 621** for demos and more.

Our world grapples with some of the recent pressing environmental crises. To tackle these challenges, the scientific community is actively harnessing the power of cutting-edge tools, like Esri's climate risk analytics and geographic information system (GIS) technology. These advanced resources are the foundation for creating effective, equitable solutions to climate change by leveraging location intelligence and detailed risk analysis. With these tools at our disposal, we are poised to develop sustainable solutions that hold the potential to make a positive impact on a global scale. These solutions are not just the result of collective efforts but are also made possible through the actions of individuals committed to safeguarding our planet's future.

To learn more about the power of GIS, we hope you will come by booth #621 where scientists and mapping experts will be available. You can expect to hear from some of the Esri team as well as some very special guests at the demo theater located at the back of the Esri booth. Plus, on your way through the exhibit hall don't forget to stop by the Esri Kiosk in the AGU Open Science Pavilion.

Esri 2023 Demo Theater Schedule

Day	Speaker	Affiliation	Title
Monday			
3:30	Dr. Fred Lipschultz	USGCRP	*Building the Nation's Geospatial Climate Resilience Information System*
4:00	Alicia Torregrosa	USGS	*USGS Science Collaboration Portal for the Colorado River Basin*
4:30	Allison Crimmins	USGCRP	*The National Climate Assessment Interactive Atlas: Open data and maps for community planning*
5:00	Dan Pisut	Esri	*Learn to Create Your Own StoryMap with National Climate Assessment Data*
Tuesday			
10:30	Keith VanGraafeiland	Esri	*Assessing and communicating the impacts of sea level rise*

Time	Presenter	Organization	Title
11:00	Dr. Kate Fickas	Esri	*Navigating the Past, Present, and Future: A Journey into Easily Accessible Remote Sensing Data Discovery with Esri's Landsat Explorer*
12:30	Dr. Lorraine Tighe	Esri	*Unveiling the Power of Synthetic Aperture Radar (SAR) and GIS: Illuminating Earth's Transformations in the Face of Climate Change*
1:00	Heidi Kristenson	NASA DAAC ASF UAF	*Enhancing Accessibility: Cloud-Optimized Radiometric Terrain Corrected Backscatter Products from Sentinel-1 SAR Acquisitions*
1:30	Dr. Satish Sankaran	Esri	*Embracing Open Science using Open Standards and FAIR principles.*
3:30	Helen Turvene	Esri	*Leveraging Geospatial Technologies for Open Science Initiatives*
4:00	Rosemary Boone	Esri/YPN	*Connect with Community and Supercharge your Network Growth through Esri Young Professional Network (YPN)*
Wednesday			
10:30	Dr. Nawajish Noman	Esri	*Performing analysis with multidimensional GIS vector data*
11:00	Dr. Sarmistha Chatterjee	Esri	*Performing imagery analysis using cloud computing in ArcGIS*
1:00	Keith VanGraafeiland	Esri	*Oceanographic Analysis using Trajectory Data*
1:30	Kate Fickas	Esri	*Ladies of Landsat*
3:30	Canserina Kurnia	Esri	*Leverage Landsat imagery and ArcGIS for Microsoft Planetary Computer to conduct remote sensing analysis*
4:00	Dr. Joseph Kerski	Esri	*Teaching inquiry based learning and spatial data science using GIS and the spatial perspective*
Thursday			
10:30	Keith VanGraafeiland	Esri	*SDG 14.1 - Creating and Index for Ocean Water Quality*
11:00	Helen Turvene	Esri	*Leveraging Geospatial Technologies for Open Science Initiatives*
11:30	Dr. Joseph Kerski	Esri	*Teaching inquiry based learning and spatial data science using GIS and the spatial perspective*

Esri Presentations and Sessions at AGU

We are also pleased to share the lineup of presentations that will be made by Esri staff at the 2023 AGU Fall Meeting. You'll see in the list below of scientific papers, posters, and entire sessions that Esri is leading or contributing on a wide variety of interesting and important projects. Many of these are in collaboration with our federal partners at NASA, NOAA, US Forest Service, Department of Energy, EPA, and the USGS, as well as several universities and national laboratories. This showcases how Esri not only enables great understanding of the world with our products and services, but also performs good science, and contributes well as a member of the scientific community, sharing and inspiring others as to The Science of Where.

AGU Presentations and Sessions with Esri Co-Authors

B23B-08 [Predicting Snow Crab Habitat Across Climate Scenarios Using Maximum Entropy Modelling](#)

GC51N-0825 [Using Super-Resolution to Extend the Spatial, Temporal, and Spectral Range of UAS Imagery](#)

IN24B-09 [Open Science and ArcGIS: Advancing Collaborative Geospatial Research and Knowledge Sharing](#)

U51A-08 1459182 [Commercial company's software plays a vital role in the open science movement](#) (Invited)

AGU Presentation or Session by Esri Users

B23E-2134 [Accuracy Assessment of National Land Cover Database (NLCD) 2019, Environmental Systems Research Institute (ESRI) 2020, and European Space Agency (ESA) 2020 land use land cover (LULC) Maps for East Baton Rouge Parish, Louisiana, Using Geospatial Techniques](#)

GC24A-05 [Deep Learning Based Time Series Land Use and Land Cover Mapping in Cloud-Prone Areas](#)

GC44E-05 [Decoding the inconsistency of six 10- and 30-m cropland maps in China](#)

H41T-2055 [Seasonal Variation of Uranium in the Puerco River Basin](#)

IN14A-03 [Using Esri story maps to support student research in the Research Experience for Undergraduates on sustainable land and water resources while supporting scientific writing skills and confidence](#)

IN43B-0620 [Visualization of Near Real-Time Global Cloud Composites (GCC): Integration in ArcGIS](#)

TH43H [DeCODER Town Hall: Use Case Applications for a Democratized Cyberinfrastructure for Open Discovery to Enable Research](#)

V13D-0151 [150 years of Etna Summit Craters through a photogrammetry-based time machine](#)

B= Biogeosciences, GC = Global Environmental Change, H = Hydrology, IN = Informatics, TH = Town Hall, V = Volcanology, Geochemistry and Petrology; 5-character codes are entire sessions