



2023

# Earth Sciences Events and Activities

The Esri User Conference (Esri UC) has many presentations and events with hundreds of topics covered. To help you find your way to the Earth Sciences sessions and events, we have prepared a more focused agenda.

## National Government Social

Hilton San Diego Bayfront, Level 4, Sapphire Terrace

Tuesday, July 11, 2023 6:00 PM–8:00 PM

## Earth Sciences Showcase

Tuesday, July 11 9:00 AM–6:00 PM

Wednesday, July 12 9:00 AM–6:00 PM

Thursday, July 13 9:00 AM–4:00 PM

### Ground Level Exhibit Hall D5, San Diego Convention Center (SDCC)

Our changing climate impacts us globally. Environmental crises come in many forms, from declining air quality, extreme weather, rising sea levels, and diminishing biodiversity. The scientific community relies on geographic information systems (GIS) and climate risk analysis to address environmental challenges that help decision-makers create sustainable solutions that positively impact the world. Connect with the Esri Earth Sciences team to explore innovative user-created solutions in geoscience, environmental monitoring, climate, weather, and marine science disciplines.

Please stop by to learn more about:

- Open Science
- Environmental Science: Building Resilience
- Geoscience: Utilizing Science-based Technology
- Marine Science: Understanding Oceans
- Weather & Climate Science: Mitigation & Adaptation

### Demo Theater Schedule

#### Tuesday, July 11

11:00 AM [Living Atlas: Turning Climate Data Into Resilience Action](#)

11:00 AM [Building Climate Hazards Infographics using Custom Data](#)

12:30 PM [Climate Change Community Takeover at the Sustainable World Showcase](#)

### Industry-Focused Sessions and Technical Workshops

#### Tuesday, July 11

10:00 AM [Imagery: Change, Trend, and Pattern Analysis Using Multidimensional Data](#)

### Special Interest Group Meetings

#### Tuesday, July 11

11:30 AM	Earth Sciences	<a href="#">Geospatial Collaboration: Modern SDI Practices to Achieve Our Common Goals</a>	Room 24 B   SDCC
----------	----------------	--	------------------



SDCC = San Diego Convention Center

Please note: All listings subject to change; not every paper or event may be presented here.

Wednesday, July 12			
11:30 AM	Open Science	<a href="#">Ocean, Weather, and Climate SIG: Open Science</a>	
11:30 AM	Earth Sciences	<a href="#">GIS for Good SIG: Maximizing our Impact for People, Planet, Prosperity, and Peace</a>	Ballroom 20 BCD Room 3   SDCC
11:30 AM	Earth Sciences	<a href="#">ArcGIS Insights SIG: Visual Analytics Workflows for GIS-Based Decisions</a>	Room 5 A   SDCC
11:30 AM	Earth Sciences	<a href="#">Community Engagement SIG: Using Hubs to Foster Deeper Collaboration</a>	Ballroom 20 BCD Room 5   SDCC
1:00 PM	Oceans	<a href="#">Machine Learning Techniques in Ocean Science</a>	Room 24 A   SDCC

Thursday, July 13			
11:30 AM	Earth Sciences	<a href="#">Sustainable Development SIG</a>	Ballroom 20 BCD Room 2   SDCC

## Moderated Paper Presentations

Tuesday, July 11			
10:00 AM	National Government	<a href="#">Leveraging Python for Workflow Automation</a>	Room 28 A   SDCC
10:00 AM	Earth Sciences	<a href="#">Increase Data Accessibility with GIS</a>	Room 25 B   SDCC
10:00 AM	Climate	<a href="#">Climate Resilience Applications Using ArcGIS Tools</a>	Room 28 C   SDCC
1:00 PM	National Government	<a href="#">Experiences with National Geospatial Data Infrastructure</a>	Room 28 A   SDCC

Wednesday, July 12			
10:00 AM	Climate	<a href="#">Data Analysis in Climate Resilience</a>	Room 28 B   SDCC
1:00 PM	Climate	<a href="#">Improve Data Access to Long Time Series Climate Data</a>	Room 28 B   SDCC
10:00 AM	Climate	<a href="#">Optimize Analysis for Climate Change Applications</a>	
1:00 PM	Oceans	<a href="#">Ocean Exploration Using Geospatial Data Access &amp; Visualization</a>	Room 29 A   SDCC
12:30 PM	National Government	<a href="#">SDG 13: Climate Action</a>	Room 28 A   SDCC

Wednesday, July 13			
10:00 AM	Climate	<a href="#">Optimize Analysis for Climate Change Applications</a>	
1:00 PM	Earth Sciences	<a href="#">GIS Enables Fire &amp; Water Research Collaboration and Data Access</a>	Room 25 B   SDCC
1:00 PM	National Government	<a href="#">A GIS Framework for Resilience Planning</a>	Room 28 C   SDCC
2:30 PM	National Government	<a href="#">Data Analysis of Disparate Data in Research Applications</a>	Room 25 B   SDCC
2:30 PM	National Government	<a href="#">Innovative tips to Engage Community Stakeholders for Climate Resilience Planning</a>	Room 28 C   SDCC
2:30 PM	National Government	<a href="#">Assessing Sea Level Rise Vulnerabilities</a>	Expo Demo Theater 6   SDCC

## Expo Spotlight Talks

Tuesday, July 11			
10:00 AM	Open Science	<a href="#">ArcGIS Data Interoperability: An Introduction</a>	
10:40 AM	Open Science	<a href="#">Open Science and ArcGIS</a>	
1:00 PM	Open Science	<a href="#">Esri and Open Source</a>	
2:30 PM	Open Science	<a href="#">Adopting FAIR Data Principles</a>	

Wednesday, July 12			
12:10 PM	Open Science	<a href="#">ArcGIS INSPIRE Open Data: An Introduction</a>	
12:10 PM	Open Science	<a href="#">ArcGIS: Support for OGC Feature Services</a>	
3:10 PM	Open Science	<a href="#">ArcGIS Knowledge: Data Integration Using Knowledge Graphs</a>	

SDCC = San Diego Convention Center

Please note: All listings subject to change; not every paper or event may be presented here.

Thursday, July 13		
10:40 AM	Open Science	<a href="#">ArcGIS: Open Science Data Format Support</a>
11:30 AM	Open Science	<a href="#">ArcGIS: Modernize Your Geospatial Infrastructure</a>
12:10 PM	Open Science	<a href="#">Good Practices for Open Data: Produce, Publish, Share, and Use</a>
1:00 PM	Open Science	<a href="#">ArcGIS Data Interoperability: An Introduction</a>
1:40 PM	Open Science	<a href="#">ArcGIS: Support for OGC Feature Services</a>
3:10 PM	Open Science	<a href="#">ArcGIS INSPIRE Open Data: An Introduction</a>

User Group Meetings		
Tuesday, July 11		
11:30 AM		<a href="#">NASA Disasters User Group</a>
Wednesday, July 12		
11:30 AM		<a href="#">NASA User Group</a>
1:00 PM		<a href="#">NOAA User Group</a>

## Don't Miss These Activities

<b>Esri UC Plenary Session</b>	Monday, July 10	8:30 AM–3:30 PM
<b>Academic GIS Program Fair</b>	Monday, July 10	2:30 PM–5:00 PM
<b>Map Gallery Reception</b>	Monday, July 10	4:00 PM–6:00 PM
<b>Science Symposium</b>	Tuesday, July 11	4:00 PM–6:30 PM
<b>Esri Awards Ceremony</b>	Wednesday, July 12	3:30 PM–5:30 PM
<b>Thursday Night Celebration</b>	Thursday, July 13	5:30 PM–10:00 PM
<b>Closing Session</b>	Friday, July 14	10:30 AM–NOON

Esri is excited to announce the **GIS Day 2023** event registration will open early this year. Please visit [go.esri.com/GISDay](https://go.esri.com/GISDay) to register during UC and receive a swag pack on-site.

SDCC = San Diego Convention Center

Please note: All listings subject to change; not every paper or event may be presented here.



Copyright © 2023 Esri. All rights reserved. Esri, the Esri globe logo, The Science of Where, ArcGIS, @esri.com, and esri.com are trademarks, service marks, or registered marks of Esri in the United States, the European Community, or certain other jurisdictions.

G3901367