



## Imagery and Remote Sensing 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 Imagery and Remote Sensing sessions and events, we have prepared a more focused agenda.

### Imagery and 3D Showcase and Earth Sciences Showcase

Tuesday, July 16 9:00 AM–6:00 PM  
Wednesday, July 17 9:00 AM–6:00 PM  
Thursday, July 18 9:00 AM–4:00 PM



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

Visit the Imagery and 3D Showcase and the Earth Observation Showcase to learn more about the integration of imagery and remote sensing and geographic information system (GIS) technology. At Esri, we believe that GIS is a critical tool to enable organizations to make the world a better place. When applied to these disciplines, GIS helps organizations and people make better decisions. If GIS is the planet’s nervous system, imagery and remote sensing is the planet’s vision. The real power of imagery and remote sensing data is realized when users leverage ArcGIS’s extensive tools and solutions to creatively address real-world challenges.

### Imagery and Remote Sensing Summit & Social

Hilton San Diego Bayfront, Sapphire Ballroom

Tuesday, July 16 2:30 PM–5:00 PM | *Enjoy our Imagery Summit Social following the summit presentations!*

Whether you’re new to imagery or a seasoned expert, this event welcomes all who are interested in transforming imagery into insights. Elevate your skills and unlock the full potential of your data, from satellite images to smartphone captures, using solutions built with ArcGIS. [Add to Schedule](#).



# UC2024

## USER CONFERENCE

### Demo Theater Schedule and Expo Spotlight Talks

#### Tuesday, July 16

10:00 AM	ArcGIS QuickCapture: Collecting and Exploiting Oriented Imagery	<a href="#">Add to Schedule</a>
10:00 AM	ArcGIS Image for ArcGIS Online: Processing and Analyzing Imagery	<a href="#">Add to Schedule</a>
11:30 AM	Automating Imagery Workflows with Deep Learning	<a href="#">Add to Schedule</a>
4:00 PM	ArcGIS 3D Analyst: 3D Feature and Surface Analysis.	<a href="#">Add to Schedule</a>

#### Wednesday, July 17

10:00 AM	ArcGIS: Manage and Visualize Oriented Imagery	<a href="#">Add to Schedule</a>
11:30 AM	Automating Imagery Workflows with Deep Learning	<a href="#">Add to Schedule</a>
1:00 PM	Planning a Drone Flight for Mapping or Geospatial Video Capture	<a href="#">Add to Schedule</a>
2:30 PM	ArcGIS Image for ArcGIS Online: Processing and Analyzing Imagery	<a href="#">Add to Schedule</a>
4:00 PM	Using Pretrained Deep Learning Models for Feature Extraction and Classification	<a href="#">Add to Schedule</a>

#### Thursday, July 18

10:00 AM	ArcGIS Pro: Enhancing Your GIS with Reality Mapping	<a href="#">Add to Schedule</a>
11:30 AM	ArcGIS: Manage and Visualize Oriented Imagery	<a href="#">Add to Schedule</a>
2:30 PM	ArcGIS Image Analyst: Tips and Tricks	<a href="#">Add to Schedule</a>
2:30 PM	ArcGIS and Drones to Enhance Field Operations	<a href="#">Add to Schedule</a>
2:30 PM	Finding the Needle in the STAC	<a href="#">Add to Schedule</a>

### Industry-Focused Sessions, User Presentations, and Technical Workshops

#### Tuesday, July 16

8:30 AM	ArcGIS Pro and ArcGIS Image for ArcGIS Online: An Overview of Image Analysis	<a href="#">Add to Schedule</a>
8:30 AM	3D GIS: An Overview	<a href="#">Add to Schedule</a>
1:00 PM	ArcGIS Excalibur: Web-Based Imagery and Video Workflows	<a href="#">Add to Schedule</a>
10:00 AM	ArcGIS Reality: An Overview of Reality Mapping	<a href="#">Add to Schedule</a>
2:30 PM	Imagery: Change, Trend, and Pattern Analysis Using Multidimensional Data	<a href="#">Add to Schedule</a>
2:30 PM	ArcGIS 3D Analyst: Working with Lidar	<a href="#">Add to Schedule</a>
4:00 PM	ArcGIS Living Atlas of the World: An Overview of Imagery Content	<a href="#">Add to Schedule</a>
4:00 PM	ArcGIS and Imagery: What's New with Deep Learning	<a href="#">Add to Schedule</a>

#### Wednesday, July 17

8:30 AM	ArcGIS Living Atlas of the World: An Overview of Imagery Content	<a href="#">Add to Schedule</a>
8:30 AM	ArcGIS Reality: An Overview of Reality Mapping	<a href="#">Add to Schedule</a>
10:00 AM	ArcGIS Pro and ArcGIS Image for ArcGIS Online: An Overview of Image Analysis	<a href="#">Add to Schedule</a>
1:00 PM	Imagery: What's New	<a href="#">Add to Schedule</a>
1:00 PM	ArcGIS Pro: Virtualization On-Premises and in the Cloud	<a href="#">Add to Schedule</a>
2:30 PM	Reality Mapping: A Complete Workflow	<a href="#">Add to Schedule</a>
4:00 PM	ArcGIS Image Server: Imagery Management at Scale	<a href="#">Add to Schedule</a>

#### Thursday, July 18

8:30 AM	ArcGIS and Imagery: What's New with Deep Learning	<a href="#">Add to Schedule</a>
10:00 AM	ArcGIS Excalibur: Web-Based Imagery and Video Workflows	<a href="#">Add to Schedule</a>
11:30 AM	Reality Mapping Today and Tomorrow: How to Optimize Your Workflows with AI	<a href="#">Add to Schedule</a>
1:00 PM	Designing ArcGIS Systems for Imagery Data Management	<a href="#">Add to Schedule</a>

# UC2024

## USER CONFERENCE

2:30 PM

ArcGIS 3D Analyst: Working with Lidar

[Add to Schedule](#)

4:00 PM ArcGIS Image Analyst: Processing and Analyzing Synthetic Aperture Radar Data

[Add to Schedule](#)

### Friday, July 19

9:00 AM GeoAI in ArcGIS

[Add to Schedule](#)

### Special Interest Group Meetings

#### Tuesday, July 16

11:30 AM Drone Reality Mapping SIG: How Do You Deliver Insights

[Add to Schedule](#)

#### Wednesday, July 17

11:30 AM Forestry SIG: Advancing Forestry Through imagery & Remote Sensing

[Add to Schedule](#)

11:30 AM Imagery and Remote Sensing SIG: Bridging the Gap from Data to Insight

[Add to Schedule](#)

11:30 AM XR SIG: Navigating Immersive Possibilities

[Add to Schedule](#)

#### Thursday, July 18

11:30 AM Digital Twin SIG: Mature Your Digital Twin with GIS

[Add to Schedule](#)

11:30 AM Wildland Fire SIG: AI, Cameras, and Early Fire Detection

[Add to Schedule](#)

### Moderated Paper Presentations

#### Wednesday, July 17

10:00 AM Water Resources AI and ML Support Water Allocation Programs

[Add to Schedule](#)

1:00PM Parks and Recreation Managing Park and Recreation Facilities and Assets with 3D GIS

[Add to Schedule](#)

2:30 PM Urban and Regional Planning 3D Planning to Create Sustainable Communities

[Add to Schedule](#)

#### Thursday, July 18

1:00 PM Water Resources Using Imagery for Land Classification

[Add to Schedule](#)

2:30 PM Urban and Regional Planning Improving Mobility and Modernizing Site Plans with Drones

[Add to Schedule](#)

## Don't Miss These Activities

<b>Esri UC Plenary Session</b>	Monday, July 15	8:30 AM–3:30 PM
<b>Academic GIS Program Fair</b>	Monday, July 15	2:30 PM–5:00 PM
<b>Map Gallery Reception</b>	Monday, July 15	4:00 PM–6:00 PM
<b>Science Symposium</b>	Tuesday, July 16	4:00 PM–6:30 PM
<b>Esri Awards Ceremony</b>	Wednesday, July 17	3:30 PM–5:30 PM
<b>Thursday Night Celebration</b>	Thursday, July 18	5:30 PM–10:00 PM
<b>Closing Session</b>	Friday, July 19	10:30 AM–NOON

## Join Us

In celebrating a quarter-century of GIS innovation and spatial awareness as we commemorate the 25<sup>th</sup> anniversary of GIS Day this year! **Mapping Minds, Shaping the World: 25 Years of GIS Excellence** is our theme. To register an event and get resources please visit [www.gisday.com](http://www.gisday.com) and stop by the GIS Day booth in Hall C.

SDCC = San Diego Convention Center

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



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