



# National Mapping and Geospatial Authorities 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 National Mapping and Geospatial Authorities sessions and events, we have prepared a more focused agenda.

## National Mapping and Geospatial Authorities Showcase

Ground Level, Exhibit Halls ABC, SDCC

Tuesday, July 12 9:00 AM–6:00 PM  
 Wednesday, July 13 9:00 AM–6:00 PM  
 Thursday, July 14 9:00 AM–4:00 PM

Visit the National Mapping and Geospatial Authorities Showcase to see geographic information system (GIS) solutions for maintaining authoritative geospatial information that is key to a county’s security, socioeconomic development, and environmental sustainability. When applied to these disciplines, GIS helps organizations and people make better decisions about how to effectively collect, manage, produce, and share base data for a nation. If you have not registered for the July 10<sup>th</sup> Imagery Summit [Register here](#).

## National Mapping and Geospatial Authorities Socials

Tuesday, July 12 6:30 PM–8:30 PM National Government Social – Hilton Promenade Plaza  
 Thursday, July 14 5:30 PM–10:00 PM Esri Thursday Night Party – Balboa Park

Demo Theater and Expo Schedule		
Tuesday, July 12		
10:00 AM – 10:20 AM	Geospatial Strategy: A Brief Introduction	SDCC, Expo Guiding Your Geospatial Journey
10:00 AM – 10:20 AM	Understanding Data Sovereignty and ArcGIS	SDCC, Expo Open Platform: Standards & Interoperability
11:15 AM – 11:35 AM	Defining Your Real Time Data Strategy: A Brief Overview	SDCC, Expo Guiding Your Geospatial Journey
11:15 AM – 12:00 PM	ArcGIS Field Maps: Automating Field Workflows	SDCC, Expo Demo Theater 03
11:15 AM – 12:00 PM	Cartography Cutting Edge	SDCC, Expo Demo Theater 06
12:15 PM – 1:00 PM	ArcGIS Defense Mapping: An Introduction to MPS	SDCC, Expo Demo Theater 12
1:15 PM – 2:00 PM	ArcGIS Aviation: What’s New	SDCC, Expo Demo Theater 11
2:30 PM – 2:50 PM	ArcGIS: Support for SDI Fundamental Data	SDCC, Expo Open Platform: Standards & Interoperability



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4:00 PM – 4:20 PM	Open Data Catalogs and Federation: An Overview	SDCC, Expo Open Platform: Standards & Interoperability
4:00 PM – 4:45 PM	ArcGIS Enterprise: Backing Up Your Organization	SDCC, Featured Expo Demo Theater

### Wednesday, July 13

10:00 AM – 10:45 AM	ArcGIS Solutions: Building 3D Basemaps	SDCC, Expo Demo Theater 05
10:30 AM – 10:50 AM	Putting Data to (Re)Use: SDI/ Open Data Hubs	SDCC, Expo Open Platform: Standards & Interoperability
11:15 AM – 11:35 AM	ArcGIS INSPIRE Open Data: An Introduction	SDCC, Expo Open Platform: Standards & Interoperability
12:15 PM – 1:00 PM	Big Data, Spatial Analytics and Machine Learning Workflows and Applications	SDCC, Featured Expo Demo Theater
3:00 PM – 3:20 PM	Good Practices for Open Data: Produce, Publish, Share, Use	SDCC, Expo Open Platform: Standards & Interoperability
4:00 PM – 4:45 PM	Drone Imagery: Planning a Drone Mapping Flight	SDCC, Expo Demo Theater 07

### Thursday, July 14

10:00 AM – 10:45 AM	Building Geoprocessing Tool	SDCC, Expo Demo Theater 01
10:00 AM – 10:45 AM	ArcGIS Maritime: What's New	SDCC, Expo Demo Theater 11
10:30 AM – 10:50 AM	Collaborating with SDI Partners in Geospatial Data Spaces	SDCC, Expo Open Platform: Standards & Interoperability
1:00 PM – 1:20 PM	ArcGIS Support of MSDI and IHO S-100	SDCC, Expo Open Platform: Standards & Interoperability
1:15 PM – 2:00 PM	What's New in GIS for Land Records and Property Assessment	SDCC, Expo Demo Theater 13

## Industry-Focused Sessions and Technical Workshops

### Friday, July 9 (Pre-Conference Seminar)

8:30 AM – 5:00 PM	Using ArcGIS Image for ArcGIS Online to Manage and Analyze Imagery in the Cloud	SDCC, Room 31 BC
8:30 AM – 5:00 PM	Drone Reality Capture: Capture, Management, Processing, and Analysis in ArcGIS	SDCC, Room 33 AB

### Tuesday, July 12

8:30 AM – 9:30 AM	ArcGIS Pro: An Introduction	SDCC, Ballroom 06 B
8:30 AM – 9:30 AM	ArcGIS Enterprise on Kubernetes: Is It For Me?	SDCC, Ballroom 06 C
8:30 AM – 9:30 AM	ArcGIS Dashboards: An Introduction	SDCC, Ballroom 06 D
8:30 AM – 9:30 AM	ArcGIS Image Analyst: Transform ArcGIS Pro into an Imagery Workstation	SDCC, Room 07 AB
10:00 AM – 11:00 AM	Spatial Analyst: Applications and Use Cases	SDCC, Ballroom 05 A
10:00 AM – 11:00 AM	Defining and Implementing Your Geospatial Strategy	SDCC, Ballroom 06 E
10:00 AM – 11:00 AM	ArcGIS: An Introduction to Image Analysis	SDCC, Ballroom 06 F
10:00 AM – 11:00 AM	ArcGIS Field Maps: Smart Forms, An Introduction	SDCC, Room 09
10:00 AM – 11:00 AM	Python: Introduction to Map Automation	SDCC, Room 10

10:00 AM – 11:00 AM	ArcGIS Pro: Deploying Across Your Organization	SDCC, Room 32 AB
1:00 PM – 2:00 PM	Drone Imagery: An Introduction to Drone Mapping in ArcGIS	SDCC, Room 10
1:00 PM – 2:00 PM	Python Scripting and Automating: Strategies	SDCC, Room 32 AB

### Wednesday, July 13

8:30 AM – 9:30 AM	ArcGIS 3D Analyst: Surface Analysis	SDCC, Room 16 A
8:30 AM – 9:30 AM	ArcGIS Defense Mapping: Standards-Based Cartographic Production	SDCC, Room 30 A
8:30 AM – 9:30 AM	ArcGIS: Modernize Your Geospatial Infrastructure	SDCC, Room 30 C
10:00 AM – 11:00 AM	Feature Services: Sync Workflows	SDCC, Room 08
10:00 AM – 11:00 AM	Imagery in ArcGIS: Image Management and Analysis at Scale	SDCC, Room 15 B
10:00 AM – 11:00 AM	Lidar and Integrated Mesh: An Overview	SDCC, Room 16 A
10:00 AM – 11:00 AM	ArcGIS Data Reviewer: Implementing Automated Review	SDCC, Room 30 C
10:00 AM – 11:00 AM	ArcGIS Pro: Automating Topographic Mapping	SDCC, Room 30 D
1:00 PM – 2:00 PM	Imagery in ArcGIS: What's New in Deep Learning	SDCC, Ballroom 06 B
1:00 PM – 2:00 PM	Elements of Ethical Cartography: Refining a Mapmaker's Mantra	SDCC, Room 03
1:00 PM – 2:00 PM	ArcGIS 3D Analyst: Feature Extraction from Lidar	SDCC, Room 16 A
2:30 PM – 3:30 PM	Drone Imagery: From Capture to Automated GeoAI Analysis	SDCC, Room 01 AB
2:30 PM – 3:30 PM	The Ethics of Making Maps	SDCC, Room 03
2:30 PM – 3:30 PM	ArcGIS Workflow Manager: Automating Your Production Processes	SDCC, Room 30 C
4:00 PM – 5:00 PM	ArcGIS Pro: An Introduction to Reality Mapping	SDCC, Room 01 AB

### Thursday, July 14

8:30 AM – 9:30 AM	ArcGIS AppStudio: An Introduction	SDCC, Room 03
8:30 AM – 9:30 AM	ArcGIS StoryMaps: An Introduction	SDCC, Room 04
8:30 AM – 9:30 AM	ArcGIS Velocity: Applying Real-Time and Big Data Analytics	SDCC, Room 30 D
10:00 AM – 11:00 AM	Imagery in ArcGIS: Change, Trend and Pattern Analysis using Multidimensional Data	SDCC, Room 04
1:00 PM – 2:00 PM	ArcGIS Field Maps: High Accuracy Data Collection	SDCC, Room 04
1:00 PM – 2:00 PM	Deep Learning with arcgis.learn	SDCC, Room 05 A

### Friday, July 15

9:00 AM – 10:00 AM	Defining and Implementing Your Geospatial Strategy	SDCC, Room 02
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## Special Interest Group Meetings

### Tuesday, July 12



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7:00 AM – 8:00 AM	Women and GIS SIG: Inclusiveness Through Leadership	SDCC, Room 31 ABC
11:30 AM – 12:30 PM	GIS in the Digital Twin SIG	SDCC, Room 24 C
11:30 AM – 12:30 PM	NorthStar and Blacks in GIS: People of Black / African Descent in GIS SIG	SDCC, Room 31 ABC

### Wednesday, July 13

7:00 AM – 8:00 AM	Lessons Learned from Implementing the Integrated Geospatial Information Framework (IGIF) SIG	SDCC, Room 09
11:30 AM – 12:30 PM	Airports SIG: New Ways to Restart and Recover	SDCC, Room 24 C

### Thursday, July 14

7:30 AM – 8:30 AM	Statistics and GIS SIG	SDCC, Room 28 B
11:30 AM – 12:30 PM	Cartography SIG	SDCC, Room 28 B
11:30 AM – 12:30 PM	Land Records SIG	SDCC, Room 05 B
11:30 AM – 12:30 PM	Drones and Reality Mapping in GIS SIG	SDCC, Room 32 AB

## Moderated Paper Presentations

### Tuesday, July 12

8:30 AM – 9:30 AM	Mapping, Cartography, and Visualization	Modern Approaches to Managing GIS	SDCC, Room 28 C
2:30 PM – 3:30 PM	Mapping, Cartography, and Visualization	Massive Modernization of GIS Examples to Follow	SDCC, Room 28 C

### Wednesday, July 13

8:30 AM – 9:30 AM	National Mapping & Geospatial Authorities	Mapping & Geospatial Authorities: Automating Data Driven Mapping	SDCC, Room 29 B
10:00 AM – 11:00 AM	Imagery & Remote Sensing	Emerging GIS Earth Observation Analysis	SDCC, Room 25 B
10:00 AM – 11:00 AM	National Mapping & Geospatial Authorities	Mapping & Geospatial Authorities: 3D Mapping for Sustainable Economic Development	SDCC, Room 29 B
1:00 PM – 2:00 PM	National Mapping & Geospatial Authorities	Mapping & Geospatial Authorities: Web GIS	SDCC, Room 24 A
2:30 PM – 3:30 PM	National Mapping & Geospatial Authorities	Mapping & Geospatial Authorities: Harmonizing Data from Multiple Sources	SDCC, Room 29 B

### Thursday, July 14

8:30 AM – 9:30 AM	Land Records	Innovations in Land Records	SDCC, Room 24 A
1:00 PM – 2:00 PM	Land Records	Realizing Efficiencies in Land Records	SDCC, Room 24 A

## Don't Miss These Activities

<b>Esri UC Plenary Session</b>	Monday, July 11	8:30 AM–3:30 PM	SDCC – EXHIBIT HALLS FGH
<b>Map Gallery Reception</b>	Monday, July 11	4:00 PM–6:00 PM	SDCC – SAILS PAVILION
<b>Science Symposium</b>	Tuesday, July 12	4:00 PM–6:30 PM	SDCC – BALLROOM 20 D
<b>Esri Awards Ceremony</b>	Wednesday, July 13	3:30 PM–5:30 PM	SDCC – BALLROOM 20 B/C/D
<b>Thursday Night Party</b>	Thursday, July 14	5:30 PM–10:00 PM	BALBOA PARK
<b>Closing Session</b>	Friday, July 15	10:30 AM–NOON	SDCC – BALLROOM 20 B/C/D



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