

UC2024

USER CONFERENCE

AEC 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 AEC sessions and events, we have prepared a more focused agenda.

AEC 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 AEC Expo Area to see geographic information system (GIS) solutions for AEC. 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.

AEC Social

Hilton Promenade Plaza/The Pointe
 Wednesday, July 17 6:00 PM–9:00 PM



Scan the QR code to stay updated on session changes and add them to your agenda.

Thank You to Our AEC Social Sponsor



Demo Theater Schedule

Tuesday, July 16

10:00 AM –10:45 AM	ArcGIS Pro: 3D Editing	SDCC, Expo Demo Theater 9
10:00 AM –10:45 AM	GeoAI for Identification of Assets	SDCC, Expo Demo Theater 12
11:30 AM –12:15 PM	Authoring 3D Scenes with Scene Viewer	SDCC, Expo Demo Theater 9
1:00 PM – 1:45 PM	ArcGIS Indoors: Facility Inspections for Asbestos Compliance	SDCC, Expo Demo Theater 12
2:00 PM – 3:15 PM	ArcGIS Workflow Manager: Optimizing Data Collection from Field to Office	SDCC, Expo Demo Theater 12

Wednesday, July 17

11:30 AM –12:15 PM	ArcGIS Urban: Applying Urban Planning Workflows	SDCC, Expo Demo Theater 5
1:00 PM – 1:45 PM	3D GIS: Creating and Managing 3D Content	SDCC, Expo Demo Theater 6
2:30 PM – 3:15 PM	Integrating GIS in Solar Site: Plan, Design, Construct, and Deliver	SDCC, Expo Demo Theater 12
4:00 PM – 4:45 PM	ArcGIS Pro: Working with 3D Object Feature Layers	SDCC, Expo Demo Theater 12

Thursday, July 18

10:00 AM –11:00 AM	ArcGIS Online: Slope Susceptibility Analysis	SDCC, Expo Demo Theater 13
11:30 AM –12:15 PM	Visualize Large Volumetric Data in 3D	SDCC, Expo Demo Theater 12
12:10 PM –12:30 PM	ArcGIS: GIS-BIM Integrations Supporting IFC	SDCC, Expo Open Platform Spotlight Theater
1:00 PM – 1:45 PM	ArcGIS Solutions: 3D Buildings	SDCC, Expo Demo Theater 5
2:30 PM – 3:15 PM	ArcGIS and Drones to Enhance Field Operations	SDCC, Expo Demo Theater 7

Industry-Focused Sessions and Technical Workshops

Tuesday, July 16



SDCC = San Diego Convention Center

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

8:30 AM – 9:30 AM	AEC Kick-Off	Grand Ballroom 6, Marriot
8:30 AM – 9:30 AM	3D GIS: An Overview	SDCC, Room 2
8:30 AM – 9:30 AM	Field Operations: An Overview	SDCC, Ballroom 20 DE
10:00 AM – 11:00 AM	ArcGIS CityEngine: An Overview	SDCC, Room 9
10:00 AM – 11:00 AM	ArcGIS Utility Network: An Overview	SDCC, Ballroom 20 BC
10:00 AM – 11:00 AM	ArcGIS Reality: An Overview of Reality Mapping	SDCC, Room 31 ABC
1:00 PM – 2:00 PM	Autodesk Integration with ArcGIS Using CAD and BIM Data	SDCC, Room 16 AB
1:00 PM – 2:00 PM	GeoAI in ArcGIS	SDCC, Ballroom 20 BC
2:30 PM – 3:30 PM	ArcGIS Urban: An Overview	SDCC, Room 3
4:00 PM – 5:00 PM	ArcGIS GeoBIM: An Overview	SDCC, Room 16 CDE
4:00 PM – 5:00 PM	The ArcGIS Well-Architected Framework: An Overview	SDCC, Room 1 AB

Wednesday, July 17

8:30 AM – 9:30 AM	Autodesk Integration with ArcGIS Using CAD and BIM Data	SDCC, Room 16AB
8:30 AM – 9:30 AM	ArcGIS: How to Create a Digital Twin	SDCC, Room 16 AB
1:00 PM – 2:00 PM	Essential Network Diagram Workflows	SDCC, Room 14 AB
1:00 PM – 2:00 PM	GIS-BIM Integrations for Project and Operations	SDCC, Room 30 AB
2:30 PM – 3:30 PM	ArcGIS for AutoCAD: An Overview	SDCC, Room 4
2:30 PM – 3:30 PM	ArcGIS Urban: Creating the Planning Digital Twin	SDCC, Room 30 AB

Thursday, July 18

8:30 AM – 9:30 AM	ArcGIS Pro: Working with BIM Data	SDCC, Room 10
10:00 AM – 11:00 AM	ArcGIS 3D Analyst: Working with Lidar	SDCC, Ballroom 6 DE
10:00 AM – 11:00 AM	ArcGIS: How to Create a Digital Twin	SDCC, Room 16 AB
11:30 AM – 12:30 PM	Reality Mapping Today and Tomorrow: How to Optimize Your Workflows with AI	SDCC, Room 14 AB
1:00 PM – 2:00 PM	ArcGIS: XR Extended Reality	SDCC, Ballroom 20 BC
4:00 PM – 5:00 PM	ArcGIS Utility Network: Advanced Network Management	SDCC, Room 3

Special Interest Groups

Tuesday, July 16

7:00 AM – 8:00 AM	Women and GIS SIG	Grand Ballroom 12-13 Marriott
11:30 AM – 12:30 PM	Equity and Social Justice SIG: Operationalizing Strategy Equity Plans	SDCC, Room 31 ABC
11:30 AM – 12:30 PM	Drones and Reality Mapping in GIS SIG	SDCC, Room 6 DE
11:30 AM – 12:30 PM	Environment and Natural Resources SIG	SDCC, Room 30 CDE
11:30 AM – 12:30 PM	AEC Design and Engineering SIG	SDCC, Room 9

Wednesday, July 17

11:30 AM – 12:30 PM	AEC Construction SIG	SDCC, Room 10
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Thursday, July 18

11:30 AM – 12:30 PM	Digital Twin SIG	SDCC, Ballroom 6 DE
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Moderated Paper Sessions

Tuesday, July 16

10:00 AM – 11:00 AM	Spatial Data Management for Public Engagement and Innovative Planning	Grand Ballroom 11, Marriot
1:00 PM – 2:00 PM	Leveraging Digital Twins	Grand Ballroom 10, Marriot
1:00 PM – 2:00 PM	Integrating GIS-BIM for Enhanced Collaboration in Infrastructure Projects	Grand Ballroom 11, Marriot
2:30 PM – 3:30 PM	Geospatial Integration for Optimal Project Collaboration	Grand Ballroom 11, Marriot

Wednesday, July 17

8:30 AM – 9:30 AM	Innovative Solutions in Construction Project Management	Grand Ballroom 11, Marriot
10:00 AM – 11:00 AM	Geospatial Solutions for Environmental Project Insights	Grand Ballroom 11, Marriot
1:00 PM – 2:00 PM	GIS Solutions in AEC: From Digital Twins to Facility Asset Management	Grand Ballroom 10, Marriot

Thursday, July 18

8:30 AM – 9:30 AM	Digital Transformation in AEC: Integrating GIS and BIM for Efficient Project Management	Grand Ballroom 10, Marriot
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Don't Miss These Activities

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

Join Us

In celebrating a quarter-century of GIS innovation and spatial awareness as we commemorate the 25th 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 and stop by the GIS Day booth in Hall C.

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