3D GIS and Digital Twin 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 3D and Digital Twin sessions and events, we have prepared a more focused agenda.

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

Visit the 3D GIS and Digital Twin kiosk, located at the AEC Showcase, to connect with experts in the fields of 3D GIS and Digital Twins. Kiosk hours of operation:

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

Don't Miss These Activities

Esri UC Plenary Session	Monday, July 10	8:30 AM–3:30 PM
Academic GIS Program Fair	Monday, July 10	2:30 PM 5:00 PM
Map Gallery Reception	Monday, July 10	4:00 PM –6:00 PM
AEC Industry Kick-Off	**Tuesday, July 11**	**8:30 AM –9:30 AM**
Science Symposium	Tuesday, July 11	4:00 PM –6:30 PM
Esri Awards Ceremony	Wednesday, July 12	3:30 PM –5:30 PM
Thursday Night Celebration	Thursday, July 13	5:30 PM –10:00 PM
Esri UC Closing Session	Friday, July 14	10:30 AM–NOON

AEC Social

Hilton San Diego Bayfront Promenade

Wednesday, July 12, 2023, 6:00 PM-8:00 PM

Thank You to Our AEC Sponsor

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*3D = 3D Capabilities *DT = Digital Twin

Educational Summit

Saturday, July 8

8:30 AM – 9:30AM	Demystifying Digital Twins	DT	Marriott, Grand Ballroom 8

User Group Meeting

Sunday, July 9

1:00 PM – 4:30 PM	Esri Water Utilities Meetup	DT	Marriott, Pacific Ballroom 16

Special Interest Group Meetings

Tuesday, July 11

11:30 AM – 12:30 PM	Digital Twin SIG	DT	SDCC, Room 5 B

Expo Spotlight Talks

Wednesday, July 12

11:30 AM – 11:50 PM	Indexed 3D Scene Layer (I35) Support in Open Frameworks	3D	Expo Open Platform Spotlight Theater

Expo Demo Theater Presentation

Tuesday, July 11

10:00 AM – 10:45 AM	ArcGIS Scene Viewer: Authoring Web Scenes	3D	SDCC, Expo Demo Theater 1
11:30 AM – 12:15 PM	The 3D Object Feature Layer	3D	SDCC, Expo Demo Theater 1
11:30 AM – 12:15 PM	ArcGIS Maps SDK for JavaScript: Building 3D Web Apps	3D	SDCC, Expo Demo Theater 10
2:30 PM – 3:15 PM	ArcGIS Solutions: Building 3D Basemaps	3D	SDCC, Expo Demo Theater 13

Wednesday, July 12

10:00 AM – 10:45 AM	Sub-Surface Analysis: Example Applications and Workflows	3D	SDCC, Expo Demo Theater 1
11:30 AM – 12:15 PM	ArcGIS: Create and Manage 3D Content	3D	SDCC, Expo Demo Theater 1
2:30 AM – 3:15 PM	ArcGIS Urban: Implementing VR for Immersive Collaborative Urban Planning	DT	SDCC, Expo Demo Theater 4
4:00 PM – 4:45 PM	ArcGIS: Voxel Visualization	3D	SDCC, Expo Demo Theater 1
4:00 PM – 4:45 PM	3D Infrastructure Management with LiDAR / AI: Cyvl.ai & MA's Success Story	3D	SDCC, Expo Startup Zone Theater

Thursday, July 13

10:00 AM – 10:45 AM	3D Storytelling on the Web	3D	SDCC, Expo Demo Theater 1
11:30 AM – 12:15 PM	ArcGIS Pro: 3D Visualization with Procedural Symbology	3D	SDCC, Expo Demo Theater 1
1:00 PM – 1:45 PM	Classifying Lidar to Generate 3D Trees: Best Practices	3D	SDCC, Expo Demo Theater 1
1:00 PM – 1:45 PM	ArcGIS CityEngine: Procedural 3D Content with ArcGIS	3D	SDCC, Expo Demo Theater 10

Industry-Focused Sessions and Technical Workshops

Tuesday, July 11

8:30 AM – 9:30 AM	ArcGIS Earth: An Introduction	3D	SDCC, Room 30 A
8:30 AM – 9:30 AM	Imagery: An Introduction to Reality Mapping	3D	SDCC, Room 10
10:00 AM – 11:00 AM	Geodesign and Digital Twins: The Road Ahead	DT	SDCC, Room 30 B
1:00 PM – 2:00 PM	ArcGIS Pro: Getting Started with 3D	3D	SDCC, Room 4
1:00 PM – 2:00 PM	ArcGIS Maps SDKs for Game Engines: What's New and Road Ahead	3D	SDCC, Room 9
2:30 PM – 3:30 PM	ArcGIS: An Overview and the Road Ahead for 3D	3D	SDCC, Room 4
2:30 PM – 3:30 PM	ArcGIS Experience Builder: An Introduction	3D	SDDC, Ballroom 6 F
2:30 PM – 3:30 PM	ArcGIS Pro: Working with BIM Data	3D	SDDC, Rom 30 B
4:00 PM – 5:00 PM	ArcGIS GeoBIM: An Introduction	3D	SDCC, Room 2
4:00 PM – 5:00 PM	ArcGIS Urban: An Introduction and What's New	DT	SDCC, Room 14 B

Wednesday, July 12

8:30 AM – 9:30 AM	Integrating GIS and BIM for Project and Operations	3D	SDCC, Room 30 A
10:00 AM – 11:00 AM	ArcGIS Pro: 3D Tips and Tricks	3D	SDCC, Room 15 A
10:00 AM – 11:00 AM	ArcGIS 3D Analyst: LiDAR and Intergraded Mesh	3D	SDCC, Room 30 B
10:00 AM – 11:00 AM	ArcGIS City Engine: An Introduction and What's New	3D	SDCC, Room 5 B
1:00 PM – 2:00 PM	ArcGIS Analyst: An Introduction to Surface Analysis	3D	SDCC, Room 17 A
1:00 PM – 2:00 PM	ArcGIS Urban: An Introduction and What's New	DT	SDCC, Room 15 B
2:30 PM – 3:30 PM	ArcGIS: Extended Reality (XR)	3D	SDCC, Room 30 A
2:30 PM – 3:30 PM	ArcGIS Experience Builder: An Introduction	3D	SDCC, Room 7 AB
4:00 PM – 5:00 PM	Living Atlas: An Introduction to OpenStreetMap Content	3D	SDCC, Room 4

Thursday, July 13

8:30 AM – 9:30 AM	ArcGIS Pro: Working with BIM Data	3D	SDCC, Room 4
2:30 PM – 3:30 PM	ArcGIS Scene Viewer: An Introduction	3D	SDCC, Room 4
10:00 AM – 11:00 AM	ArcGIS Pro: 3D Tips and Tricks	3D	SDCC, Room 15 B
2:30 PM – 3:30 PM	Indoor GIS: Best Practices	3D	SDCC, Room 3
4:00 PM – 5:00 PM	ArcGIS City Engine: An Introduction and What's New	3D	SDCC, 30 A

User Presentations

Tuesday, July 11

8:30 AM – 9:30 AM	3D Visualization and Assessment of Well and Source Water Data	3D	SDCC, Room 25 C
10:00 AM – 11:00 AM	Facilities and Buildings Are Assets Too	DT	SDCC, Room 24 C
10:00 AM – 11:00 AM	Data Integration (GIS & BIM)	DT	SDCC, Room 29 A
1:00 PM – 2:00 PM	Telecommunications: Digital Twin	DT	SDCC, Room 28 C
2:30 PM – 3:30 PM	Managing Facilities & Vertical Assets with GIS	DT	Marriott, Grand Ballroom 8
2:30 PM – 3:30 PM	Streamlining Collaboration to Create Efficient Planning Workflows	3D	SDCC, Room 28 B

Wednesday, July 12

1:00 PM – 2:00 PM	Creating and Managing Great Spaces for Employees and Customers Using ArcGIS Indoor Mapping Capabilities	DT	SDCC, Room 24 C

Thursday, July 13

8:30 AM – 9:30 PM	Mitigating Natural Hazards for Community Resilience with GIS	DT	SDCC, Room 28 D
8:30 AM – 9:30 AM	Your Guide to Empower Resident Collaboration with GIS	DT	SDCC, Room 28 C
10:00 AM – 11:00 AM	Planning for the Future	DT	SDCC, Room 28 C

Esri is excited to announce the GIS Day 2023 event registration will open early this year. Please visit go.esri.com/GISDay to register during UC and receive a swag pack.

SDCC = San Diego Convention Center
Please note: All listings subject to change; not every paper or event may be presented here.