



Imagery & Remote Sensing Events and Activities

To help you find your way around imagery and remote sensing sessions and events, we have prepared a more focused agenda. Also, don't forget to check out the [2019 Esri UC Q&A](#) for imagery and remote sensing.

[Preconference Seminars for Imagery](#)

Image Analysis | Saturday, July 6, 8:30 AM – 5:00 PM, San Diego, CA

This hands-on seminar will help image analysts and scientists who want to know the best way to extract information from imagery. Best practices for image analysis using ArcGIS Pro and the ArcGIS Image Analyst extension as well as raster analytics via ArcGIS Image Server will be addressed.

Image Management and Dissemination | Saturday, July 6, 8:30 AM – 5:00 PM, San Diego, CA

This hands-on seminar will show imagery asset managers how to make imagery in their organization accessible for visualization and analysis. Best practices for image management and dissemination on premises and in the cloud will be explained.

Map Production from Imagery | Saturday, July 6, 8:30 AM – 5:00 PM, San Diego, CA

This hands-on seminar will assist users who want to create map products such as orthophotos, digital terrain models, and 3D models from imagery. Best practices for working with drone, aerial, and satellite imagery using orthophoto mapping will be presented.

Geospatial Deep Learning | Sunday, July 7, 8:30 AM – 5:00 PM, San Diego, CA

Nvidia and Esri are teaming up to bring a hands-on, geospatial-focused, deep learning pre-conference seminar. During this seminar you will learn how ArcGIS Pro and ArcGIS Enterprise can be combined with deep learning to automatically find and classify various objects in satellite imagery.

[Imagery Summit @ Esri UC](#)

Sunday, July 7 – Tuesday, July 9, Marriott Marquis & Marina, San Diego, CA

Remote sensing is bringing about a new understanding of our world. The Imagery Summit @ Esri UC is dedicated to enabling this understanding within the framework of a modern GIS. The speed at which changes can be identified and authoritative 3D content can be created is being driven by an explosion of new sensors all tied to the internet of things. Discover how the ArcGIS Imagery Platform helps you harness this tsunami of geospatial information to drive success with your GIS.

[Imagery Showcase in the Esri Expo](#)

Tuesday, July 9 – Thursday, July 11, Exhibit Hall B, SDCC

Tuesday, July 10	9:00 AM–6:00 PM
Wednesday, July 11	9:00 AM–6:00 PM
Thursday, July 12	9:00 AM–4:00 PM

Imagery & Remote Sensing Sessions and Technical Workshops

Tuesday, July 9

8:30 AM–9:30 AM	ArcGIS Enterprise: Raster Analytics in Image Server (1 st)	Tech Workshop	SDCC Rm 33A/B
8:30 AM–9:30 AM	Managing Imagery Using Mosaic Datasets and Image Services (1 st)	Tech Workshop	SDCC Rm 15B
8:30 AM–9:30 AM	Lidar and GIS: Applications and Examples (1 st)	Tech Workshop	SDCC Rm 03
10:00 AM–10:45 AM	Basics of Creating a Mosaic Dataset	Demo Theater	SDCC Demo Theater 2
10:00 AM–11:00 AM	Drone2Map for ArcGIS: An Introduction (1 st)	Tech Workshop	SDCC Rm 33A/B
10:00 AM–11:00 AM	Ortho Mapping in ArcGIS (1 st)	Tech Workshop	SDCC Rm 15B
10:00 AM–11:00 AM	Spatial Analyst: An Introduction (1 st)	Tech Workshop	SDCC Rm 30B
10:00 AM–11:00 AM	Hydrologic Analysis and Applications in ArcGIS (1 st)	Tech Workshop	SDCC Rm 33C
11:15 AM–12:00 PM	Building Web Apps with Imagery	Demo Theater	SDCC Demo Theater 2
12:15 PM–1:00 PM	Working with Historical Scanned Film Imagery	Demo Theater	SDCC Demo Theater 2
12:15 PM–1:00 PM	Refining 3D Buildings Extracted from LiDAR	Demo Theater	SDCC Demo Theater 3
1:00 PM–2:00 PM	ArcGIS Enterprise: Managing and Serving Imagery in the Cloud using ArcGIS Image Server (1 st)	Tech Workshop	SDCC Rm 15B
1:00 PM–2:00 PM	Using Machine Learning and Deep learning with Imagery in ArcGIS (1 st)	Tech Workshop	SDCC Rm 33A/B
1:00 PM–2:00 PM	ArcGIS Excalibur: Experience the Value and Power of Imagery Through the WebGIS Pattern (1 st)	Tech Workshop	SDCC Rm 05A
1:00 PM–2:00 PM	Interpolating Surfaces in ArcGIS (1 st)	Tech Workshop	SDCC Rm 33C
1:15 PM–2:00 PM	Imagery Visualization and Analysis Using the Map Viewer	Demo Theater	SDCC Demo Theater 2
1:15 PM–2:00 PM	ArcGIS API for Python: Integrating Machine Learning and Deep Learning	Demo Theater	SDCC Demo Theater 8
2:30 PM–3:15 PM	Working with Oriented Imagery	Demo Theater	SDCC Demo Theater 2
2:30 PM–3:30 PM	Full Motion Video Support in ArcGIS (1 st)	Tech Workshop	SDCC Rm 15B
2:30 PM–3:30 PM	What's New in Imagery (1 st)	Tech Workshop	SDCC Rm 33 A/B
2:30 PM–3:30 PM	Understanding the Basics: Imagery and Remote Sensing in ArcGIS Pro	Tech Workshop	SDCC Rm 30E
2:30 PM–3:30 PM	Lidar & GIS: Classification & Feature Extraction (1 st)	Tech Workshop	SDCC Rm 03
2:30 PM–3:30 PM	Python: Raster Analysis (1 st)	Tech Workshop	SDCC Rm 30A
4:00 PM–5:00 PM	ArcGIS Pro: Intro to the Image Analyst Extension (1 st)	Tech Workshop	SDCC Rm 08

Wednesday, July 10

8:30 AM–9:30 AM	Drone2Map for ArcGIS: An Introduction (2 nd)	Tech Workshop	SDCC Ballroom 06E
8:30 AM–9:30 AM	ArcGIS Excalibur: Experience the Value and Power of Imagery Through the WebGIS Pattern (2 nd)	Tech Workshop	SDCC Rm 014B
10:00 AM–10:45 AM	ArcGIS Enterprise: Sharing Imagery	Demo Theater	SDCC Demo Theater 2
10:00 AM–11:00 AM	ArcGIS API for Python: Imagery Analysis	Tech Workshop	SDCC Rm16A



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

Imagery & Remote Sensing Sessions and Technical Workshops

Wednesday, July 10, cont.

10:00 AM–11:00 AM	ArcGIS Imagery: From Sensor to Analyst	Tech Workshop	SDCC Rm 05B
11:15 AM–12:00 PM	Best Practices for Managing and Serving Processed Ortho Imagery	Demo Theater	SDCC Demo Theater 2
11:15 AM–12:00 PM	Working with Living Atlas Data: Multispectral and Multitemporal Imagery	Demo Theater	SDCC Demo Theater 11
12:15 PM–1:00 PM	ArcGIS Enterprise: Ortho Mapping for Drone Imagery with Ortho Maker	Demo Theater	SDCC Demo Theater 2
12:15 PM–12:35 PM	Working with OGC WCS Services	Spotlight Talk	SDCC Spotlight Theater
1:15 PM–2:00 PM	ArcGIS Pro: Working with Stereo Imagery	Demo Theater	SDCC Demo Theater 2
2:30 PM–3:15 PM	Creating Orthoimagery from Aerial and Satellite Imagery	Demo Theater	SDCC Demo Theater 2
2:30 PM–3:30 PM	ArcGIS Pro: Intro to the Image Analyst Extension (2 nd)	Tech Workshop	SDCC Ballroom 06D
2:30 PM–3:30 PM	Spatial Analyst: An Introduction (2 nd)	Tech Workshop	SDCC Rm 32A/B
2:30 PM–3:30 PM	3D Mesh and Lidar Point Clouds	Tech Workshop	SDCC Rm 16B
4:00 PM–5:00 PM	ArcGIS Enterprise: Managing and Serving Imagery in the Cloud using ArcGIS Image Server (2 nd)	Tech Workshop	SDCC Rm 05B
4:00 PM–5:00 PM	Python: Raster Analysis (2 nd)	Tech Workshop	SDCC Rm 30A

Thursday, July 11

8:30 AM–9:30 AM	ArcGIS Enterprise: Deploying Distributed Raster Analytics	Tech Workshop	SDCC Rm 05A
8:30 AM–9:30 AM	Drone2Map for ArcGIS: Best Practices	Tech Workshop	SDCC Rm 08
8:30 AM–9:30 AM	Lidar and GIS: Applications and Examples (2 nd)	Tech Workshop	SDCC Rm 05B
10:00 AM–10:45 AM	Image Processing Using Raster Functions	Demo Theater	SDCC Demo Theater 2
10:00 AM–11:00 AM	Using Machine Learning and Deep Learning with Imagery in ArcGIS (2 nd)	Tech Workshop	SDCC Rm 08
10:00 AM–11:00 AM	Scientific and Multidimensional Raster Support in ArcGIS	Tech Workshop	SDCC Rm 05A
10:00 AM–11:00 AM	Lidar & GIS: Classification & Feature Extraction (2 nd)	Tech Workshop	SDCC Rm 05B
10:30 AM–10:50 AM	Working with Scientific Data in the ArcGIS Platform	Spotlight Talk	SDCC Spotlight Theater
11:15 AM–12:00 PM	Managing and Serving Elevation and Lidar Data	Demo Theater	SDCC Demo Theater 2
11:15 AM–12:00 PM	Surface Interpolation in ArcGIS	Demo Theater	SDCC Demo Theater 10
12:15 PM–1:00 PM	ArcGIS Pro: Using Imagery and Deep Learning	Demo Theater	SDCC Demo Theater 2
1:00 PM–2:00 PM	Managing Imagery Using Mosaic Datasets and Image Services (2 nd)	Tech Workshop	SDCC Rm 05A
1:00 PM–2:00 PM	What's New in Imagery (2 nd)	Tech Workshop	SDCC Rm 08
2:30 PM–3:30 PM	ArcGIS Enterprise: Raster Analytics in ArcGIS Image Server (2 nd)	Tech Workshop	SDCC Rm 08
2:30 PM–3:30 PM	Ortho Mapping in ArcGIS (2 nd)	Tech Workshop	SDCC Rm 05A
4:00 PM–5:00 PM	Full Motion Video Support in ArcGIS (2 nd)	Tech Workshop	SDCC Rm 05A
4:00 PM–5:00 PM	Hydrologic Analysis and Applications in ArcGIS (2 nd)	Tech Workshop	SDCC Rm 14A
4:00 PM–5:00 PM	Interpolating Surfaces in ArcGIS (2 nd)	Tech Workshop	SDCC Rm 15A



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