

# Esri User Conference

July 13-16, 2020 | Join us virtually

## Geospatial Collaboratives and SDI

### Join us at the Esri UC 2020!

Many sessions and events at the UC are related to your Geospatial Collaborative's organization, engagement, capacity building, and data & technology initiatives. We've put together some favorites to help you find sessions organized by the topics that interest you most:

- Overview of SDI and Geospatial Collaboratives
- Organizational Ingredients
- Community Engagement
- Capacity Building
- Data & Technology

*Geospatial Collaboratives are **alliances of organizations** that interconnect across borders, jurisdictions, and sectors to cooperatively build integrated geospatial infrastructure, or **spatial data infrastructure (SDI)**, to address our most significant challenges.*

### SDI and Geospatial Collaboratives Workshop

#### UC Expo – [Technical Workshops](#)

on-demand

#### **Implementing Next Generation SDI with ArcGIS\***

**Audience:** Executive Sponsors, GIOs, GIS Managers, GIS Council Members and Stakeholders in government, industry, NGOs, higher education

Spatial Data Infrastructures (SDIs) are rapidly evolving. Together, the internet and cloud computing are transforming the way organizations manage data and collaborate. Web GIS is significantly easier to use, deploy, and integrate into an SDI ecosystem than traditional systems. Whether you call it an NSDI, OneMap, Regional Information System, Geoportal, or otherwise, SDI are pervasive at all levels of government and across many sectors. In this session you will learn how to leverage the ArcGIS platform to create new value for your SDI. Use ArcGIS Online and Hub with Open Data to set up a standards-compliant multi-organizational data sharing portal that will delight your partners and end-users.

*\*Join the [Open Platform team](#) virtually July 13-16, 2020 in the UC Expo for this and related on-demand Workshops and Demo Theater Presentations.*

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## Geospatial Collaboratives and SDI

### Special Session (live stream – Main Stage)

Wed 1:40 pm – 2:40 pm PDT	<b>SDGs Today: A Panel Discussion</b>
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To understand and effectively track progress on the Sustainable Development Goals (SDGs), we need reliable, quality, and timely data. Yet, with only 10 years left to achieve them, too much of the data is still out-of-date or unavailable, and too many people are being left behind in the numbers. Following the plenary session on "GIS - Interconnecting Our World: Making Geographic Knowledge Pervasive," world-renowned economist, author, and President of the UN Sustainable Development Solutions Network will answer questions on the new open access data portal, SDGs Today, as well as discuss the importance of timely data and the critical role geospatial data and GIS play in ensuring the achievement of the SDGs with a panel of leading experts.

## Organizational Ingredients

Organization includes leadership and vision, it encompasses the representative governance structure, strategy, investments, sustainable partnerships, as well as policies, and practices, and tracking/reporting progress on KPIs.

### Live Sessions

Mon 1:40 pm – 2:40 pm PDT	<b>Developing and Executing a Geospatial Strategy</b>
Mon 2:50 pm – 3:50 pm PDT	<b>Assessing and Managing Technical Risk</b>
Tue 1:40 pm – 2:40 pm PDT	<b>Incorporating Business Value in Your GIS Strategy</b>
Wed 7:30 am – 8:30 am PDT	<b>Don't Forget the People – The Importance of the Team During Change</b>

### UC Expo – Technical Workshops

on-demand	<b>Evangelizing GIS</b>
on-demand	<b>Esri Best Practices: Collect and Manage Requirements for Successful GIS Projects</b>
on-demand	<b>Esri Best Practices: Moving to the Cloud</b>
on-demand	<b>Esri Best Practices: Managing Successful GIS Projects</b>

### UC Expo – Demo Theater Presentations

on-demand	<b>Where to Start: Project Prioritization</b>
on-demand	<b>Developing Winning Public Policies With GIS</b>
on-demand	<b>The Modern Regional Government: The Rise of Collaborative Hubs</b>
on-demand	<b>Communicating the Value of GIS in Your Organization: How to Measure Return on Investment</b>

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## Geospatial Collaboratives and SDI

### Community Engagement

Geospatial Collaboratives engage with their communities through open data, inclusive programs and initiatives, information products (like dashboards and story maps), surveys, and events.

Live Sessions	
Mon 2:50 pm – 3:50 pm PDT	<b>ArcGIS StoryMaps: What's New and What's Coming</b>
Tue 2:50 pm – 3:50 pm PDT	<b>ArcGIS Hub: Collaborating and Engaging with Your Community</b>
Wed 1:40 pm – 2:40 pm PDT	<b>Building Web Applications in ArcGIS Online</b>
Wed 1:40 pm – 2:40 pm PDT	<b>ArcGIS Urban for Smart Cities</b>
UC Expo – Technical Workshops	
on-demand	<b>ArcGIS Survey123: An Introduction</b>
UC Expo – Demo Theater Presentations	
on-demand	<b>ArcGIS Online: Building Apps to Go Viral</b>
on-demand	<b>Quickly Build Great-Looking Web Experiences Using Templates in ArcGIS Experience Builder</b>
on-demand	<b>Content that Communicates: Effective Visualization with Living Atlas</b>
on-demand	<b>Getting to Know ArcGIS Dashboards (BetaVersion)</b>
on-demand	<b>ArcGIS StoryMaps: Map Choreography and Map Actions</b>
on-demand	<b>Developing Winning Public Policies With GIS</b>

#### *Esri Services Appointments | Schedule a review today*

Obtain valuable guidance and feedback from an Esri expert to design, implement, and strengthen your geospatial solutions.

<https://www.esri.com>



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## Geospatial Collaboratives and SDI

### Capacity Building

Geospatial Collaboratives build Capacity by nurturing developers, business talent, and innovation. They train staff and stakeholders, enable easy and affordable access to data and tools, and mentor the next generation of leaders and users.

<u>Live Sessions</u>	
Mon 1:40 pm – 2:40 pm PDT	<a href="#">Spatial Data Science in ArcGIS</a>
Tue 1:40 pm – 2:40 pm PDT	<a href="#">ArcGIS Notebooks: An Introduction</a>
Tue 2:50 pm – 3:50 pm PDT	<a href="#">ArcPy: An Introduction</a>
Wed 1:40 pm – 2:40 pm PDT	<a href="#">100 Million Reasons for Hope: Taking Education Further</a>
Wed 1:40 pm – 2:40 pm PDT	<a href="#">Spatial Analysis and Data Science: The Road Ahead</a>
<u>UC Expo – Technical Workshops</u>	
on-demand	<a href="#">Overview of Field Data Collection for Classroom Projects</a>
<u>UC Expo – Demo Theater Presentations</u>	
on-demand	<a href="#">Training: A Key Strategy to Achieve Technology ROI</a>
on-demand	<a href="#">Startups and the Public Sector: The Market to Accelerate Growth</a>
on-demand	<a href="#">Engage the Entire Enterprise with GIS</a>
<u>Special Interest Group (SIG)</u>	
Thu 9:15 am – 10:15 am PDT	<a href="#">Higher Education Special Interest Group (SIG)</a>

Don't forget the Special Interest Groups held on Thursday, July 16!

At the UC this year, there are [several opportunities for members of underrepresented or otherwise marginalized groups to connect](#), see themselves represented, share experiences and concerns, and learn about the many organizations helping underrepresented groups in GIS overcome barriers to thrive.

SIGs provide an opportunity to connect with people from the same industry or area of interest. Although you won't see an SDI SIG on the agenda this UC, we anticipate offering opportunities to connect throughout the year and would like your input! Register your thoughts about SDI SIG topics on our [SDI GeoNet page](#).

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## Geospatial Collaboratives and SDI

### Data & Technology

SDIs use Data & Technology to build, manage and share interoperable common core foundational and business data in an open, secure, and integrated geospatial infrastructure to be used and re-used in solutions that meet societal and business needs. *Jump to:*

- [ArcGIS Platform, Standards & Interoperability](#)
- [Data to Augment Your SDI](#)
- [Data, Data Management, Solutions & Best Practices](#)

ArcGIS Platform, Standards & Interoperability	
<u>Live Sessions</u>	
Mon 1:40 pm – 2:40 pm PDT	<a href="#">ArcGIS: Understanding the Platform</a>
Mon 1:40 pm – 2:40 pm PDT	<a href="#">ArcGIS Enterprise: An Introduction</a>
Mon 2:50 pm – 3:50 pm PDT	<a href="#">ArcGIS Online: An Introduction</a>
Tue 7:30 am – 8:30 am PDT	<a href="#">ArcGIS Pro: An Introduction to Mapping and Visualization</a>
Tue 2:50 pm – 3:50 pm PDT	<a href="#">ArcGIS: An Open Platform*</a>
<u>UC Expo – Technical Workshops</u>	
on-demand	<a href="#">Esri Best Practices: Architecting Your ArcGIS Implementation</a>
on-demand	<a href="#">ArcGIS API for Python: Administering your Web GIS</a>
on-demand	<a href="#">Data Interoperability Extension*</a>
on-demand	<a href="#">Understanding and Using Metadata in ArcGIS*</a>
on-demand	<a href="#">Esri Geoportal Server: An Introduction and What's New*</a>
<u>UC Expo – Demo Theater Presentations</u>	
on-demand	<a href="#">ArcGIS for INSPIRE: An Introduction*</a>
on-demand	<a href="#">Working with OGC WMS and WMTS Services*</a>
on-demand	<a href="#">Working with OGC WFS Services*</a>
on-demand	<a href="#">Working with OGC WCS Services*</a>
on-demand	<a href="#">Simple Features, RDBMS access, and the Geodatabase*</a>
on-demand	<a href="#">Maritime Standards - Support in Esri's Nautical Products*</a>
on-demand	<a href="#">Esri and Open Source*</a>

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## Geospatial Collaboratives and SDI

### Data to Augment Your SDI

#### Live Sessions

Mon 1:40 pm – 2:40 pm PDT	<a href="#">Living Atlas of the World: An Introduction</a>
Tue 8:40 am – 9:40 am PDT	<a href="#">So Many Amazing Basemaps! But Which is Right for You?</a>

#### UC Expo – Technical Workshops

on-demand	<a href="#">Community Maps Program: Best Practices for Contributing</a>
on-demand	<a href="#">Use Living Atlas for Demographic Mapping and Analysis</a>
on-demand	<a href="#">Working with Living Atlas: Environmental Analysis</a>
on-demand	<a href="#">Green Infrastructure Planning with Living Atlas and GeoPlanner</a>

#### UC Expo – Demo Theater Presentations

on-demand	<a href="#">OpenStreetMap and ArcGIS</a>
on-demand	<a href="#">How to Use the StreetMap Premium Mobile Map Package</a>
on-demand	<a href="#">Unlock Hidden Capabilities in Living Atlas Raster Layers</a>
on-demand	<a href="#">Working with Living Atlas: Ocean Analysis</a>
on-demand	<a href="#">Understanding People Using Esri Data</a>

### Data, Data Management, Solutions & Best Practices

#### Live Sessions

Mon 1:40 pm – 2:40 pm PDT	<a href="#">ArcGIS Parcel Fabric: An Introduction</a>
Mon 2:50 pm – 3:50 pm PDT	<a href="#">Real-Time Across the ArcGIS Platform</a>
Mon 2:50 pm – 3:50 pm PDT	<a href="#">ArcGIS Data Reviewer: An Introduction</a>
Tue 8:40 am – 9:40 am PDT	<a href="#">ArcGIS Pro Tasks: An Introduction</a>
Tue 8:40 am – 9:40 am PDT	<a href="#">Lidar Classification and Feature Extraction</a>
Tue 1:40 pm – 2:40 pm PDT	<a href="#">Best Practices for Publishing ArcGIS Online and ArcGIS Enterprise Services</a>
Tue 7:30 am – 8:30 am PDT	<a href="#">What's New in Imagery</a>
Tue 1:40 pm – 2:40 pm PDT	<a href="#">ArcGIS Solutions for Local and State Government: An Overview</a>
Wed 2:50 pm – 3:50 pm PDT	<a href="#">Addressing Solutions for State and Local Governments</a>
Wed 2:50 pm – 3:50 pm PDT	<a href="#">ArcGIS Enterprise: Publishing Content and Services</a>

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## Geospatial Collaboratives and SDI

UC Expo – <u>Technical Workshops</u>	
on-demand	<a href="#">Build, Manage, and Customize Vector Basemaps in 60 Minutes!</a>
On-demand	<a href="#">ArcGIS Online: Best Practices for Working with Hosted Layers</a>
on-demand	<a href="#">ArcGIS Solutions for State and Local Government Natural Resources</a>
on-demand	<a href="#">Enterprise Geodatabase: Introduction to Multi-User Geodatabases</a>
on-demand	<a href="#">ArcGIS 3D Solutions: An Overview</a>
on-demand	<a href="#">Managing and Serving Imagery, Elevation and Lidar Data</a>
on-demand	<a href="#">ArcGIS Image Server: Managing and Serving Imagery in the Cloud</a>
on-demand	<a href="#">Esri Best Practices: QA/QC For Your GIS Data</a>
UC Expo – <u>Demo Theater Presentations</u>	
on-demand	<a href="#">Enterprise Geocoding: Tips and Tricks</a>
on-demand	<a href="#">Configuring Multi-Source Data Feeds in Your Business</a>
on-demand	<a href="#">ArcGIS Enterprise: Sharing Imagery</a>

Finally, don't miss the Plenary Session livestreams!

Esri CEO Jack Dangermond explores how geographic information systems (GIS) facilitates interconnected intelligent systems across government, private businesses, and society. You'll hear inspiring stories from users who are at the forefront of our industry, as well as from special guests.

Plenary and Closing Sessions	
Mon 10:00 am – 12:00 pm PDT	<a href="#">Part 1   Interconnecting Our World</a>
Tue 10:00 am – 11:00 am PDT	<a href="#">Part 2   Interconnecting Our World: ArcGIS Technology &amp; Applications</a>
Wed 10:00 am – 11:00 am PDT	<a href="#">Part 3   Interconnecting Our World: Making Geographic Knowledge Pervasive</a>
Thu 8:00 am – 9:00 am PDT	<a href="#">Closing Session</a>

Stay Connected After the UC

Join [Spatial Data Infrastructure \(SDI\) Collaboratives on GeoNet!](#)

Join [Open Platform, Standards & Interoperability on GeoNet!](#)

