



Esri Federal GIS Conference
BREAKOUT SESSIONS

Breakout Title

Breakout Description

Creating Inclusive Spaces for Women of Color in Government Technology

It is critical to the advancement of GIS and other technologies to have a diverse set of technologists and science communicators that reflect the diversity of the populations that we serve. This panel will present perspectives of women of color in the GIS community and discuss ideas on how to be more inclusive and to make a more supportive and diverse climate for everyone. All conference attendees encouraged to attend.

Developing and Executing a Geospatial Strategy

Developing and executing a geospatial strategy is essential to maximize the impact of GIS on your organization. Join us to gain insight on where start, key considerations and approaches that allow you to execute on your strategy incrementally.

The Importance of a Training Plan

Find out how closing organizational skill gaps and institutionalizing geospatial skills helps you achieve short-term goals, reduce long-term costs, and maintain robust operations that consistently deliver value into the future.

Where to Start: Project Prioritization

Learn how organizations can capture more value from their technology investments by applying a simple method of project selection, prioritization, and sequencing.

System Architecture Best Practices

Discussion surrounding the principles behind good system architecture and understanding how it effects your essential GIS functionality.



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Managed Cloud Services and FedRAMP

Talk with Managed Cloud Services team members about how to move your GIS to a FedRAMP compliant environment.

Engage the Entire Enterprise with GIS

Getting the workforce to adopt new technology and new workflows requires winning hearts and minds across the organization. Learn how the right communication strategy creates a common vision and momentum to accomplish positive change.

Agile Project Management

We'll discuss how agile project management delivers accountability while allowing a team to adapt to changing priorities and remain on schedule. Also, we will provide tips on how to determine whether the agile methodology is best for a project.

Designing with Maps Using ArcGIS and Adobe

GIS applications like ArcGIS Pro and graphic design apps like Adobe Illustrator are commonly used to create compelling visuals including for map making and presentation design. The ArcGIS Maps for Adobe Creative Cloud plugin brings rich geospatial content from ArcGIS into design apps in a familiar graphic language. Let's explore this integration of spatial content from ArcGIS Desktop, ArcGIS Online and soon ArcGIS Enterprise in design workflows and its benefits for your organizations.

What's New in ArcGIS GeoEvent Server

ArcGIS GeoEvent Server is Esri's on-premises solution for integrating real-time data into ArcGIS Enterprise. Join this session to explore and discuss new usability improvements introduced with the 2020 releases such as guided user experiences and integrated sampling tools. Learn about new functionality coming in the 2021 releases focused on expanded analytic capabilities as well as stability and performance improvements.



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How to Get the Most Out of Your GIS Investment: Get Executive Buy-In

Panel discussion from Esri leadership alongside a customer executive who has implemented and expanded organizational use of geospatial technology to support their agency missions.

Facility Mapping and Indoor GIS

This session provides an overview of the facility mapping and indoor GIS capabilities of ArcGIS Indoors including use cases in the federal space, demos, and roadmap. Half of the session time is reserved for attendee questions and discussion.

Electronic Navigational Chart Support in ArcGIS Pro and ArcGIS Server.

This session will demonstrate the latest developments in S-57 Electronic Navigational Charting capabilities in ArcGIS Pro, and will include important updates in the Maritime Chart Service and the Custom Chart Builder.

ArcGIS Workflow Manager - Service Driven Architecture: An Introduction to Submission and Approval workflows

Learn about the new service-based edition of ArcGIS Workflow Manager, and how it can be used to support submission and approval workflows like permitting, data contribution or data request. We will also introduce plans for new capabilities including support for integrated web apps and web mapping, parallel workflows, step and job scheduling, production dashboards and integration with Esri mobile apps.

QA/QC For Your GIS Data

When your organization depends on GIS for its day-to-day operations, data errors introduce unacceptable risk and unplanned costs. The quality of your GIS data is critical! Learn about the science, methods, tools, workflows and continued attention to quality assurance/quality control (QA/QC) of your GIS data. The session will cover how to define QA/QC workflows, conduct visual QC and consider potential automation, including during initial data capture and on-going operational maintenance.



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Automated Generalization Tools for Multi-Scale Mapping

In this session you will learn how to generalize your topographic data by leveraging tools in ArcGIS Production Mapping and ArcGIS Defense Mapping extensions in ArcGIS Pro. We will demonstrate the tools and workflows to automate creation of multi-scale/resolution data and cartographic products from a single best scale database. We will finish with Q&A and discussion.

Automating Topographic Data and Map Production Workflows

We will discuss managing your topographic data using ArcGIS workflows to automate your data extraction/collection, data production and maintenance, and cartography. This will include demonstrations on how to improve the quality and consistency of your topographic data through consistent workflows, and finish with Q&A and discussion.

ArcGIS Accessibility (508/WCAG compliance)

Want to learn the latest on accessibility compliance within ArcGIS products, and accessibility features of the ArcGIS StoryMaps platform and how to maximize the accessibility of your StoryMaps output? This is the session for you. We want to help you build beautiful accessible experiences and visualizations, whether you are collecting data, displaying data, or analyzing it. We are working to make tools that are both accessible to use and which produce accessible end results. Providing an update and demonstrations is only one aspect of this session. We hope to hear from you regarding your greatest accessibility needs.



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Conservation Data for The Living Atlas

The purpose of this session is to gather individuals responsible for creating fundamentally useful conservation data assets to share overall current assets, future needs and data gaps that exist today. Discuss where some of these gaps might be closed given the needs from the community. Discuss what data sources are not in the Esri Living Atlas that could be contributed in the next year.

Racial Equity & Social Justice - Applying an Intersectional Equity Lens to Government

Leveraging GIS to apply an equity lens and ensure racial and social justice in/through government services.

NASA Cross-coordination

This session will provide an overview of the NASA AGOL instance. It also provides a forum for participants from NASA projects using ArcGIS to briefly describe their work and exchange ideas and contact information. Some NASA policy on use of ArcGIS will be reviewed.

NorthStar & Blacks In GIS - Careers & Leadership in GIS

Community building and collaboration for professional and entrepreneurial growth in GIS and geography for Black people / people of the African diaspora.

Young Professional Network presents: Finding your Career Path

Are you searching for that job that's perfect for you? Want to make your current work more meaningful? Come join us for a conversation on navigating your personal development, growing your character, and finding your unique path. Together, we'll challenge the standard approach to job-hunting and seek a better formula to meaningful work.



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Careers in Geospatial Tech

Would you like to be a change agent and a leader in the future workforce? Would you like to use GIS in government, business, non-profits or academia to build a smarter, more resilient and sustainable society? Join us for a discussion on Careers in Geospatial Tech. Learn about GIS skills in high demand tied to career opportunities and discover ways to learn and access GIS technology.

ArcGIS Defense Mapping: Migrating Cartographic Processes to ArcGIS Pro

We will discuss migrating standard Defense Map Specifications (i.e. Multinational Geospatial Co-production Program Topographic Maps (MTM), and Topographic Maps (TM)) delivered with ArcGIS Defense Mapping and the processes that are used to create these map products. You will also learn how the latest release of ArcGIS Defense Mapping standardizes and streamlines defense-based cartographic production tasks using ArcGIS Pro. We will finish with Q&A and discussion.

Salesforce Integration with ArcGIS Enterprise

Discuss modernization approaches to integrate enterprise investments of Salesforce CRM and Esri ArcGIS Enterprise to effectively streamline operations and increase efficiencies with the customer/user in mind.

Strategies for Imagery Management for Ready to Use Analysis

Discuss modern approaches and best practices on what to do with foundational imagery services for projects.

SiteScan/Drone2Map Capabilities for Rapid Understanding

Discuss new advancements with drone workflows for multi-discipline use: cultural preservation, infrastructure management, HSE, and others.

Using ArcGIS StoryMaps to Reach Your Constituents

Learn how federal agencies are using ArcGIS StoryMaps effectively to tell their stories, promote their mission, and present crucial information.



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Community Engagement with StoryMaps for a More Sustainable World

In this Roundtable discussion, we will look at how nonprofits, NGOs, and global organizations are leveraging StoryMaps to engage with their stakeholders and inspire hearts, minds, and action.

Gender Inclusiveness

In this Roundtable discussion, we will look at the 2020 World Women's Report and gender statistics within the context of the SDGs (Sustainable Development Goals).