SDI Focused Agenda

Tuesday, July 09

8:30 am - 9:30 am   Tuesday, July 09

GIS for Next Generation 911

User Presentations, User Conference, All Users, Emergency Call Taking and Dispatch

SDCC - Room 28 D

This session will go over building a GIS based next generation 911 system and data needs.

8:30 am - 9:30 am   Tuesday, July 09

GIS Applications for Emergency Management

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

This session discusses various technology solutions that support emergency management operations.

8:30 am - 9:30 am   Tuesday, July 09

ArcGIS Online: Best Practices for High Demand Layers

User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Room 09 - Jeremy Bartley, Kelly Gerrow-Wilcox, Beth Romer

Web Mapping Applications provide spatial context for current events, news stories and public information, sometimes generating large amounts of web traffic. ArcGIS Online's cloud infrastructure can scale to meet the needs of high demand apps, receiving hundreds of thousands of requests. This session reviews

best practices of layer types, layer and web map configurations, and sharing settings that help popular (viral) apps take advantage of ArcGIS Online's Scalable Architecture.

8:30 am - 9:30 am   Tuesday, July 09

Esri Geoportal Server: An Introduction

Web GIS: Enterprise, User Conference, All Users, Technical Workshop

SDCC - Room 31 A - Marten Hogeweg

DESCRIPTION

Esri Geoportal Server is a free, open source solution for building spatial data infrastructures. In recent years it has evolved from a stand-alone metadata catalog to a suite of components that can be used by themselves or as an extension to the ArcGIS platform. In this session you will learn how you can use Geoportal Server on its own or in combination with ArcGIS to support data discovery in a federation of organizations using different technologies for sharing their spatial data resources.

8:30 am - 9:30 am   Tuesday, July 09

Helping the Workforce Survive and Thrive in Times of Technology Change

User Conference, All Users, Implementing ArcGIS, Technical Workshop

SDCC - Room 16 A - David Schneider

DESCRIPTION

Technology-driven changes that disrupt and displace engrained workflows may encounter strong resistance. Organizations that fail to address the human impacts of new technology risk failed technology initiatives. This session explores best-practices for helping individuals adapt to change, embrace new workflows, and effectively use new technology to achieve intended business results. See a proven model for engaging executives, communicating vision and strategy, and supporting teams through their change journey. Understand how to mitigate change-related challenges by aligning technology use to organizational goals and intrinsic values.

8:30 am - 9:30 am   Tuesday, July 09

Enterprise Geodatabase: Introduction to Multi-User Geodatabases

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 05 B - James Gough, Shannon Shields

DESCRIPTION

This session will provide an overview of enterprise geodatabases. It will introduce you to the basics of creating an enterprise geodatabase, loading and securing data, and performing essential administration tasks.

8:30 am - 9:30 am   Tuesday, July 09

Making the Most of Your Data

User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 25 C

DESCRIPTION

A modern GIS takes advantage of the Esri ArcGIS platform's ability to provide quick and easy access to relevant and timely data to both internal and external subscribers. This session provides two case studies that describe how State agencies accomplished this.

10:00 am - 11:00 am   Tuesday, July 09

Next Generation 911 GIS Data Needs and Maintenance

User Presentations, User Conference, All Users, Emergency Call Taking and Dispatch

SDCC - Room 28 D

DESCRIPTION

This session will go over the data and maintenance needs for a next generation 911 system.

10:00 am - 11:00 am   Tuesday, July 09

Solving Problems with Collaboration

User Presentations, User Conference, Water Resources, All Users

SDCC - Room 29 C

DESCRIPTION

Presenters will discuss how collaborative strategies have been used to provide easy access to a robust collection of data. Working together to share data has enabled the development of solutions to common problems such as data silos, data management, and consistency of data and strategies across regions.

10:00 am - 11:00 am   Tuesday, July 09

Managing Emergency Events with GIS

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

DESCRIPTION

This session discusses lessons learned from recent emergency events and how GIS was used to support them.

10:00 am - 11:00 am   Tuesday, July 09
Using ArcGIS to Manage Tribal Infrastructure

User Presentations, User Conference, Tribal/Indigenous Governance, All Users

SDCC - Room 24 C - Anne Taylor

DESCRIPTION

This session will exlore the use of ArcGIS in managing infrastructure key to Tribal governments such as roads and utilities.

10:00 am - 11:00 am   Tuesday, July 09
Esri's US Demographics: What's New

User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 17 A - Lucy Guerra, Kyle Reese Cassal

DESCRIPTION

Learn what's new in the 2019 US demographic data updates and how the demographic landscape is changing. In this session, you'll learn what types of data Esri offers for the US, how you can access it and incorporate it into your analyses, and where you can find resources to frequently asked questions.

10:00 am - 11:00 am   Tuesday, July 09
ArcGIS Enterprise: Architecting Your Deployment

Web GIS: Enterprise, User Conference, All Users, Technical Workshop

SDCC - Ballroom 06 C - Sam Libby, George Thompson

DESCRIPTION

Architecting your ArcGIS Enterprise deployment doesn't have to be difficult. This session will cover the fundamentals of architecting the base ArcGIS Enterprise deployment and will lead you through more complex deployment scenarios that

include the capability-based ArcGIS Server roles, such as Image Server and GeoAnalytics Server. Full of best practices and helpful tips, this session aims to set you up for success in planning and deploying ArcGIS Enterprise whether you're starting from scratch or upgrading an existing server or Web GIS deployment.

10:00 am - 11:00 am   Tuesday, July 09

Build, Manage, and Customize Vector Basemaps in 60 Minutes!

User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 04 - Wesley Jones, Andrew Green

DESCRIPTION

You've got data and maps. We've got data and maps. Learn how to create and customize vector basemaps from team members who build and style them for the Esri platform. This is the best place to pick up tips, tricks, and tools to be successful with vector basemaps and have fun throughout the process. By the end of the session, you'll be singing about maps.

10:00 am - 11:00 am   Tuesday, July 09

ArcGIS Workflow Manager: An Introduction

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 30 C - Aarthi Dwarakanath, Sam West

DESCRIPTION

Understand why it is important to standardize GIS and non-GIS workflows. Learn how ArcGIS Workflow Manager allows you to organize, centralize, and execute workflows in a flexible and distributed environment.

10:00 am - 11:00 am   Tuesday, July 09

ArcGIS Hub: An Introduction

User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Room 07 A/B - Brenda Wolfe, Andrew Turner, Alan Cassidy

DESCRIPTION

ArcGIS Hub provides a platform for two-way community engagement. Attend this session to learn how to use ArcGIS Hub to rally internal staff and external collaborators around initiatives. You will learn how to activate and configure initiative websites, apps and content that engage your community. With ArcGIS

Hub, every members of your community can have their own unique identity that enables them to follow initiatives, register for events, share data, take surveys, provide feedback, and join your initiative teams.

10:00 am - 10:45 am   Tuesday, July 09

Emerging Trends in State and Local Government: Delivering the Next Generation of Digital Government Services

Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users

SDCC - Expo Demo Theater 13 - Chris Thomas

DESCRIPTION

If you are looking for a session about all the trends people are talking about, this is the session for you. We will discuss how the seemingly unrelated trends of technology, policy, and GIS can change the way we solve for real world problems. This session will present how these trends are emerging and how governments must adapt to them to build a smart community by 1) building an intelligent organization, 2) driving towards digital transformation, 3) establishing a real-time enterprise, 4) matching technology solutions to organizational initiatives, and 5) leading performance management.

10:00 am - 11:00 am   Tuesday, July 09

Living Atlas of the World: An Introduction

User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 05 A - Bern Szukalski, Deane Kensok

DESCRIPTION

ArcGIS Online provides access to a growing set of content to enrich the ArcGIS user experience. This content represents a Living Atlas of the World on many topics, reflecting the collective work of the ArcGIS community. The Living Atlas includes a rich set of online maps, layers and related capabilities (e.g., geocoding, routing, data enrichment) that may be accessed in desktop, server, mobile, and web mapping applications. This session will provide an overview of the Living Atlas content that is available now and demonstrate how ArcGIS users can fully leverage in their work.

10:30 am - 11:15 am   Tuesday, July 09

Sharing Across Organizations

User Conference, Web GIS: Online, EXPO Spotlight Talks, All Users

SDCC - Expo Demo Theater 12 - Chris Whitmore

DESCRIPTION

Learn how to share all the rich and exciting ArcGIS Online content registered in your subscription across multiple organizations.

11:15 am - 12:00 pm   Tuesday, July 09
Engaging Your Community With Open Data
Demo Theater Presentation, User Conference, Web GIS: Online, All Users
SDCC - Expo Demo Theater 07 - Graham Hudgins

DESCRIPTION

While Open Data itself can be about transparency, at a greater scale it's about building a better and more informed society. Come learn how organizations around the world engage with their communities to turn data into knowledge, after unlocking the data they work with every day.

12:15 pm - 1:00 pm   Tuesday, July 09
Using Streetmap Premium
Demo Theater Presentation, User Conference, Web GIS: Online, All Users
SDCC - Expo Demo Theater 07 - Patrick Peters

DESCRIPTION

StreetMap Premium for ArcGIS is an enhanced, ready-to-use street dataset that works with Esri's ArcGIS software to provide geocoding, routing, and high-quality cartographic display for the entire United States, Canada, Mexico, and Europe. In this presentation you will learn how commercial street data is optimized, structured, and compressed to ensure ease of use and quick deployment, as well as live usage of geocoding and routing services.

12:30 pm - 1:15 pm   Tuesday, July 09
ArcGIS for INSPIRE
User Conference, EXPO Spotlight Talks, All Users
SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Zhongping Guo, Jill Saligoe-Simmel, Marten Hogeweg

1:00 pm - 2:00 pm   Tuesday, July 09
Disaster Response

SDCC - Room 28 C

DESCRIPTION

Attend this session to see how organizations are preparing and responding to disasters as well as doing damage assessments on their facilities; including health care and other service providers.

1:00 pm - 2:00 pm   Tuesday, July 09

Open Government in Service of Citizens

User Presentations, User Conference, Government, All Users

SDCC - Room 27 A

DESCRIPTION

Governments everywhere are opening up access to their data. Presenters will share best practices for making open data useful to citizens.

1:00 pm - 2:00 pm   Tuesday, July 09

Operations Dashboard for ArcGIS: An Introduction

User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Ballroom 06 E - Derek Law, Patrick Brennan, Sandra Luken

DESCRIPTION

Operations Dashboard for ArcGIS helps decision makers keep track of their day-to-day operations. Situational awareness is gained by monitoring activities and events, tracking field workforces, and assessing the status or performance of daily operations. In 2017, Operations Dashboard for ArcGIS has evolved to a pure web architecture, where dashboards are both authored and consumed from within a browser. This evolution comes with many improvements in layout and mapping capabilities. This session is for anyone who wants to learn about creating and configuring dashboards

1:00 pm - 2:00 pm   Tuesday, July 09

GIS for Disaster Response

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

DESCRIPTION

This session discusses how key agencies are utilizing GIS for disaster response and operations.

1:00 pm - 2:00 pm   Tuesday, July 09
Living Atlas of the World: The Road Ahead
User Conference, What's Coming: The Road Ahead, All Users, Technical Workshop
SDCC - Room 15 A - Sean Breyer, Deane Kensok

DESCRIPTION

This session will cover recent and planned updates to the Living Atlas of the World.

1:15 pm - 2:00 pm   Tuesday, July 09
The Data Driven Policy Maker: Aligning GIS Work with Executive's Initiatives
Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users
SDCC - Expo Demo Theater 13 - Richard Leadbeater, Pat Cummens

DESCRIPTION

Are your GIS efforts in alignment with your leaders' policy initiatives? Are you using GIS just to make maps that support conversations, or are you using GIS to transform decision-making? Sure, you understand the power of GIS and all its potential. But, do your executives? This session will discuss trends in state and local policy, provide case studies on how GIS is being used in support of policy and demonstrate tools and ideas about how to identify and address the issues that your communities face.

1:30 pm - 2:15 pm   Tuesday, July 09
Open Platform Patterns
User Conference, EXPO Spotlight Talks, All Users
SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Adam Martin, Satish Sankaran

2:30 pm - 3:30 pm   Tuesday, July 09
Data Interoperability Extension: An Introduction
User Conference, Spatial Data Management, All Users, Technical Workshop
SDCC - Room 30 C - Bruce Harold

DESCRIPTION

This session will focus on workflows enabled by the Data Interoperability Extension. For example, LiDAR and CAD, CSV and Database updates. Additional topics covered will be leveraging Python, ArcGIS Online interactions and exposing Workbench parameters in geoprocessing.

2:30 pm - 3:15 pm   Tuesday, July 09
Improving your economy, environment and society… and supporting the Sustainable Development Goals (SDGs)
Demo Theater Presentation, User Conference, Envisioning Center 2, All Users

SDCC - Expo - Esri Showcase - Envisioning Center 2 - Katherine Smyth, Timothy Fella

DESCRIPTION

To properly address SDG's requires accurate and authoritative data frequently at the household and parcel-level. The Multi-Purpose Cadastre (MPC) model brings together foundation mapping, census and statistical data, and cadastral parcels as the core information layers to support a wide range of decision making, including land conveyance, equitable taxation, resource management, disaster response and environmental planning. The MPC construct requires three legs: An accurate spatial framework, authoritative base maps and data layers, and a cadastral overlay all linked to legal land records of property boundaries and owners. An MPC provides a method for integrating information about society, the economy, and the environment, and a means to support the Sustainable Development Goals. This session will discuss some of the foundational elements needed to support an MPC and demonstrate general pathways of implementation using the Geospatial Cloud.

2:30 pm - 3:30 pm   Tuesday, July 09
Robust GIS Capabilities Using the Cloud
User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 25 C

DESCRIPTION

It's easy to start with financial motivations when contemplating migrating workflows and systems to the cloud. However, there are many benefits including speed to deployment, flexibility and scalability, and access to innovation. This session highlights two different customers who brought their own motivations and applied it in different, cloud-based ways. Come see how both organizations

were transformed through cloud adoption.

2:30 pm - 3:30 pm   Tuesday, July 09

ArcGIS Online: An Introduction to Security, Privacy, and Compliance

User Conference, Web GIS: Online, Intermediate, Technical Workshop

SDCC - Room 31 A - Michael Young, Paul Ross, Andrea Rosso

DESCRIPTION

A Security, Privacy, and Compliance Overview of ArcGIS Online including best practices and discussion about certifications and other security information

3:30 pm - 4:15 pm   Tuesday, July 09

Esri & Open Source

User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - John Foster

4:00 pm - 4:45 pm   Tuesday, July 09

Distributed Collaboration: Sharing Data with ArcGIS Enterprise

Web GIS: Enterprise, Demo Theater Presentation, User Conference, All Users

SDCC - Expo Demo Theater 05 - Hilary Curtis, Caroline Wright

DESCRIPTION

Share your ArcGIS Enterprise content (layers, web maps and apps) across organizations using distributed collaboration, a built-in feature of ArcGIS Enterprise. Join us in this session for a high level overview of collaboration concepts and use cases. We will also demonstrate how data is shared to other ArcGIS Enterprise deployments and ArcGIS Online in a step by step workflow.

4:00 pm - 5:00 pm   Tuesday, July 09

Enterprise Geodatabase: Introduction to Multi-User Editing

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 30 D - James Gough, John Thieling

DESCRIPTION

This session will introduce editing options for enterprise geodatabases: multi-

user editing through versioning, non-versioned editing, archiving and data distribution techniques.

4:00 pm - 4:45 pm   Tuesday, July 09

Moving Forward with a Smart Communities Strategy

Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users

SDCC - Expo Demo Theater 13 - Chris Thomas

DESCRIPTION

Smart communities thrive when they look to balance their efforts in good government through operational efficiency and effectiveness, public safety, community development, infrastructure, economic development and health. GIS is the platform that brings about 1) understanding tactics to improve your smart objectives, 2) exploration of new tools to design and model our communities, 3) learning how to integrate real-time data feeds for improved decision making, and 4) improving social equity through a stronger dialog and understanding of citizens needs.

5:30 pm - 7:00 pm   Tuesday, July 09

Esri's Geospatial Infrastructure: Reimagining Solutions for Spatial Data Infrastructure (SDI)

User Conference, Non-Technical, Special Interest Group Meeting

SDCC - Room 09

DESCRIPTION

Spatial Data Infrastructures (SDIs) – or "geospatial infrastructure" – extend GIS beyond the enterprise. Modern SDI help make the world smarter by using interoperable open data and applications to address problems across complex organizational boundaries. SDIs integrate and aggregate federated, authoritative, and open data across complex organizational boundaries. They require collaborative people, policies, technology, data, and analysis. From local to global scales, SDIs are the underpinning of cross-border and multi-organizational collaboration in Esri's geospatial cloud.

Meet with members of Esri's Open Platform Team and discuss your SDI initiatives for the coming year. A focused discussion will take place on "Geospatial Infrastructure" as the future of modern SDI. A unique opportunity to learn from each other, we'll talk about specific initiatives, such as the INSPIRE European SDI

and US NSDI.

Wednesday, July 10

8:30 am - 9:30 am   Wednesday, July 10

Enterprise Geodatabase: Introduction to Multi-User Geodatabases

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 14 A - James Gough, Shannon Shields

DESCRIPTION

This session will provide an overview of enterprise geodatabases. It will introduce you to the basics of creating an enterprise geodatabase, loading and securing data, and performing essential administration tasks.

8:30 am - 9:30 am   Wednesday, July 10

Best Practices for Publishing Online Services

User Conference, Living Atlas, Intermediate, Technical Workshop

SDCC - Room 15 A - Michael Dangermond, Keith VanGraafeiland, Paul Dodd

DESCRIPTION

There are many options for publishing content online. Examine use-cases and deployment patterns for creating online content available in the Living Atlas. Workflows include managing Frequently Changing Data Feeding hosted Feature Services, publishing Image Services and their associated Raster Function Capabilities, and taking advantage of Multi-Dimensional scientific Image Services. Experience some of the ways that content is being created and come interact with the Living Atlas Team to see how you can bring your data to life.

8:30 am - 9:30 am   Wednesday, July 10

Enterprise Technology Migration / Consolidation

User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 26 A

DESCRIPTION

Today's information technology landscape is changing at a rapid rate. To keep pace with those changes, organizations need to evolve their Enterprise geospatial implementations using effective migration and consolidation

strategies. There are many business advantages for leveraging the new capabilities but making those changes should not be undertaken lightly. Careful planning needs to go into every aspect of the process including financial, technical, operational, and end-user perspectives. This session provides two excellent examples of successful system migrations. Those presentations describe the key factors and best practices to consider when you are planning to migrate to the latest ArcGIS Enterprise platform.

8:30 am - 9:30 am   Wednesday, July 10

GIS for Leaders: Seven Elements of a Successful Enterprise GIS

User Conference, All Users, GIS Managers, Technical Workshop

SDCC - Ballroom 20 A - Adam Carnow

DESCRIPTION

It takes more than technology for an enterprise GIS to be successful. It requires business and IT management skills. This session will review the seven elements of a successful enterprise GIS and provide strategies how GIS Managers can implement them. The seven elements are:
 - Vision and Leadership
 - Understand how GIS can contribute to your organization's success
 - Develop and maintain a GIS Strategic Plan
 - Implement effective governance
 - Implement evolutionary approaches (change management)
 - Deploy engaging apps
 - Recruit, develop and maintain good staff

9:30 am - 10:15 am   Wednesday, July 10

Open Data: Catalogs, Metadata & DCAT support

User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Adam Martin, Marten Hogeweg

10:00 am - 11:00 am   Wednesday, July 10

Data Interoperability Extension: An Introduction

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 30 E - Bruce Harold

DESCRIPTION

This session will focus on workflows enabled by the Data Interoperability

Extension. For example, LiDAR and CAD, CSV and Database updates. Additional topics covered will be leveraging Python, ArcGIS Online interactions and exposing Workbench parameters in geoprocessing.

10:00 am - 10:45 am   Wednesday, July 10
Performance Management: Improving Confidence in Government
Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users

SDCC - Expo Demo Theater 13 - Chris Thomas

DESCRIPTION

State and local governments using GIS become more efficient, have access to more information, save time and money, and increase productivity while improving services. There are tools that have emerged to
? Keep the public informed through public facing information products
? Establish an operation data hub to improve collaboration
? Integrate real-time information into dashboards
? Track performance trends that lead to opportunities for new approaches, maximizing resources, and course correcting lower-performing programs

10:00 am - 11:00 am   Wednesday, July 10
Modernizing your GIS - Do you Know what your Users Want?
User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 26 A

DESCRIPTION

Understanding the users needs and evolving your Enterprise GIS processes and workflows can be a daunting task and unsurmountable. Understanding the requirements and user need is the first step into bridging the gap between technology changes and current processes. To set the right foundation doing the Location Value Assessment to understand the needs and evaluate your current workflows and process before you Modernize will provide you a road map and focused goal providing better Return On Investment (ROI).

10:00 am - 11:00 am   Wednesday, July 10
Configuring Web Applications for Government Users
User Presentations, User Conference, Government, All Users

SDCC - Room 29 D

DESCRIPTION

Modern configurable web applications are helping to quickly connect new users to GIS. Presenters will share tips and best practices for creating these new applications.

10:00 am - 11:00 am   Wednesday, July 10
Using GIS in Tribal Health and Human Services
User Presentations, User Conference, Tribal/Indigenous Governance, All Users

SDCC - Room 24 C

DESCRIPTION

This session will cover how ArcGIS is being used to provide better Tribal Health and Child Welfare services to Tribal communities across the US.

10:00 am - 11:00 am   Wednesday, July 10
The One-Page, GIS ROI Approach and Beyond
User Conference, All Users, GIS Managers, Technical Workshop

SDCC - Ballroom 20 A - Wade Kloos

DESCRIPTION

GIS professionals are the only people that can remove the uncertainty surrounding the organizational impact that GIS teams create. In this presentation, you will learn about actual GIS projects (similar to the things you likely do) and how they were measured to derive actual ROI results, but more importantly, you will be exposed to the nuances of typical GIS projects and how they translate into actual business benefits. You will hear how GIS results can be communicated so they can be understood and appreciated by organizational leaders. If finding time to be proactive is difficult for you, this ROI approach is just what you need to prove and communicate the value of your GIS work.

Wade began his career as a City Planner in So. California and soon became more interested in GIS and how that technology could improve the way government operated. As a GIS Coordinator, Wade prepared budgets, managed staff, and authored implementation plans. His next career move led to working for Esri for 12 years. Seems his geography degree did come in handy after all. In 2013, Wade began working for the Utah Department of Natural Resources as their first GIS Director and has since transitioned that role into the Director of Enterprise Systems. During the last 25 years, Wade has authored many GIS articles, presented at numerous GIS and industry conferences across the U.S. and

currently co-hosts a webinar series called GIS Peer Success Webinar at gissuccess.com. For fun, Wade designs and flies remote control model airplanes and sUAS.

10:00 am - 11:00 am   Wednesday, July 10

GIS for Informed Decisions in the EOC

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

DESCRIPTION

This session will illustrate the importance of real-time data supporting emergency management decisions.

10:00 am - 11:00 am   Wednesday, July 10

Applications of GIS

Defense and Intelligence (User), User Presentations, User Conference, All Users

SDCC - Room 25 A

DESCRIPTION

This session focuses on applications of GIS used by national security organizations. Topics include a large-scale evacuation routing system and handling data management and mapping across echelons.

11:15 am - 12:00 pm   Wednesday, July 10

Working With Living Atlas Data: Multispectral and Multitemporal Imagery

Demo Theater Presentation, User Conference, All Users, Living Atlas

SDCC - Expo Demo Theater 11 - Robert Waterman

DESCRIPTION

Beyond the ArcGIS natural color imagery basemaps, the Living Atlas also provides a number of imagery services designed to provide deeper insights into our unique and ever changing world. Multispectral imagery for distinguishing Earth's signatures, and multitemporal imagery for detecting variability over time. From NAIP to Landsat to Sentinel-2, whether you need imagery for visualization or computational analysis, this session will cover what image services are available and how to use them.

11:15 am - 12:00 pm   Wednesday, July 10

ArcGIS Data Reviewer: Deploying Data Quality Web Services

Web GIS: Enterprise, Demo Theater Presentation, User Conference, All Users

SDCC - Expo Demo Theater 05 - Mohamed Albashir, Kumar Gaurav

DESCRIPTION

Learn how to deploy automated data quality capabilities and apps on the web. Understand how ArcGIS Data Reviewer services can be used to implement data validation and quality reporting workflows. You will also learn about the existing starter applications and samples that can be deployed to support integration with existing or new web applications.

11:15 am - 12:00 pm   Wednesday, July 10

Leveraging Policy Maps

Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users

SDCC - Expo Demo Theater 13 - Richard Leadbeater, Jim Herries, Jennifer Bell

DESCRIPTION

Governments are challenged to overcome and course-correct a wide variety of issues their communities are faced with. Social inequities, public health, economic opportunity, transportation and infrastructure, resilience, and public safety top the list. Bringing about understanding can demonstrate where stresses exist and can be diminished. Understanding proceeds action. And GIS accelerates understanding and helps deploy tactics that make a difference. This session will provide you with knowledge on the difference between a map and a policy map and will explore Esri Maps for Public Policy site.

12:15 pm - 1:00 pm   Wednesday, July 10

ArcGIS for Maritime: Making Maritime Data Accessible

Web GIS: Enterprise, Demo Theater Presentation, User Conference, All Users

SDCC - Expo Demo Theater 05 - Tom De Puyt, Craig Greene

DESCRIPTION

This session will demonstrate how users can publish and consume maritime information throughout the ArcGIS platform to support various industries such as Ports, Natural Resources and Defense.

12:15 pm - 1:00 pm   Wednesday, July 10

Web Mapping: Making Large Datasets Work in the Browser

Demo Theater Presentation, User Conference, Web GIS: Online, All Users

SDCC - Expo Demo Theater 07 - Katie Cullen, Piyali Kundu

DESCRIPTION

Web maps should be fast and responsive, and that can sometimes be challenging when working with large datasets. With too much data your audience cannot effectively see the patterns you are trying to show or the map can become overloaded and slow creating a frustrating experience. In this session you will learn how to choose the right layer for the job, leverage effective styling, and tune your dataset so it remains fast and informative even when your map goes viral.

12:15 pm - 1:00 pm   Wednesday, July 10

Improving your economy, environment and society... and supporting the Sustainable Development Goals (SDGs)

Demo Theater Presentation, User Conference, Envisioning Center 2, All Users

SDCC - Expo - Esri Showcase - Envisioning Center 2 - Katherine Smyth, Timothy Fella

DESCRIPTION

To properly address SDG's requires accurate and authoritative data frequently at the household and parcel-level. The Multi-Purpose Cadastre (MPC) model brings together foundation mapping, census and statistical data, and cadastral parcels as the core information layers to support a wide range of decision making, including land conveyance, equitable taxation, resource management, disaster response and environmental planning. The MPC construct requires three legs: An accurate spatial framework, authoritative base maps and data layers, and a cadastral overlay all linked to legal land records of property boundaries and owners. An MPC provides a method for integrating information about society, the economy, and the environment, and a means to support the Sustainable Development Goals. This session will discuss some of the foundational elements needed to support an MPC and demonstrate general pathways of implementation using the Geospatial Cloud.

1:00 pm - 2:00 pm   Wednesday, July 10

Getting the Most out of Living Atlas: Multispectral and Multitemporal Imagery

SDCC - Room 15 B - Peter Becker, Robert Waterman

DESCRIPTION

The ArcGIS Living Atlas of the World provides users with access to massive volumes of imagery. Beyond our natural color imagery basemaps, the Living Atlas also provides a number of imagery services designed to provide deeper insights into our unique and ever changing world. Multispectral imagery for distinguishing Earth's signatures, and multitemporal imagery for detecting variability over time. From NAIP to Landsat to Sentinel-2, whether you need imagery for visualization or computational analysis, this session will cover what image services are available and how to use them.

1:00 pm - 2:00 pm   Wednesday, July 10
Enterprise Geodatabase: Introduction to Multi-User Editing
User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 30 E - James Gough, John Thieling

DESCRIPTION

This session will introduce editing options for enterprise geodatabases: multi-user editing through versioning, non-versioned editing, archiving and data distribution techniques.

1:00 pm - 2:00 pm   Wednesday, July 10
Data Management Techniques Supporting Operations
Defense and Intelligence (User), User Presentations, User Conference, All Users

SDCC - Room 25 A

DESCRIPTION

This paper session focuses on techniques for preparing your organization's data to support daily operations. Topics include tips on data cleaning for spatial analysis, machine learning, and how to organize your GIS data store.

1:00 pm - 2:00 pm   Wednesday, July 10
Living Atlas of the World: An Introduction
User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 14 B - Bern Szukalski, Deane Kensok

DESCRIPTION

ArcGIS Online provides access to a growing set of content to enrich the ArcGIS user experience. This content represents a Living Atlas of the World on many topics, reflecting the collective work of the ArcGIS community. The Living Atlas includes a rich set of online maps, layers and related capabilities (e.g., geocoding, routing, data enrichment) that may be accessed in desktop, server, mobile, and web mapping applications. This session will provide an overview of the Living Atlas content that is available now and demonstrate how ArcGIS users can fully leverage in their work.

1:00 pm - 2:00 pm   Wednesday, July 10

GIS for Disaster Recovery

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

DESCRIPTION

This session will discuss recovery efforts after significant disasters and how GIS played a part.

1:00 pm - 2:00 pm   Wednesday, July 10

Preparing for Climate Change

User Presentations, User Conference, Water Resources, All Users

SDCC - Room 29 C

DESCRIPTION

In this session you will learn how GIS is being used to identify patterns and assess vulnerability in support of resilience planning. Analytics are used to identify current and future conditions revealing the possible impacts of climate change. Communicating this information to stakeholders leads to holistic decision making, helping organizations prepare for climate change.

1:00 pm - 2:00 pm   Wednesday, July 10

Managing Government Infrastructure Using GIS

User Presentations, User Conference, Government, All Users

SDCC - Room 29 D

DESCRIPTION

Governments are responsible for the management of complex infrastructure. GIS

tools are helping to manage that infrastructure and help ensure it is meeting the needs of their citizens.

1:00 pm - 2:00 pm   Wednesday, July 10
Publishing & Sharing Content with ArcGIS
User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 25 C

DESCRIPTION

Whether the focus is on internal users or you are trying to connect with external stakeholders and constituents, ArcGIS provides the right mechanisms for sharing your information tailored to the audience. In this session you will hear from two user organizations how they have taken a user-centric approach to publishing and sharing content using ArcGIS.

1:00 pm - 2:00 pm   Wednesday, July 10
The Esri Method
User Conference, All Users, GIS Managers, Technical Workshop

SDCC - Ballroom 20 A - Anna Sokol, Sean McGinnis

1:00 pm - 2:00 pm   Wednesday, July 10
Improving Department of Transportation Performance with ArcGIS
User Presentations, User Conference, Highways and Roads, All Users

SDCC - Room 25 B

DESCRIPTION

This session will highlight leading-edge examples of how GIS can improve data collection, data integration, and project planning for DOTs.

1:15 pm - 2:00 pm   Wednesday, July 10
OpenStreetMap and ArcGIS: Mapping the Future
Demo Theater Presentation, Mapping, User Conference, All Users

SDCC - Expo Demo Theater 01 - Clint Loveman, Steve Moore

DESCRIPTION

Whether you are new to OpenStreetMap or a seasoned mappy hour regular, we

want to meet and collaborate with you. This session will be an interactive dialog on OpenStreetMap and ArcGIS. We'll provide an overview of the current tools and facilitate a discussion about your current workflows and usage, and brainstorm how you'd like to use it in the future.

1:15 pm - 2:00 pm   Wednesday, July 10
Moving Forward with a Smart Communities Strategy

Demo Theater Presentation, User Conference, State and Local Demo Theater, All Users

SDCC - Expo Demo Theater 13 - Chris Thomas

DESCRIPTION

Smart communities thrive when they look to balance their efforts in good government through operational efficiency and effectiveness, public safety, community development, infrastructure, economic development and health. GIS is the platform that brings about 1) understanding tactics to improve your smart objectives, 2) exploration of new tools to design and model our communities, 3) learning how to integrate real-time data feeds for improved decision making, and 4) improving social equity through a stronger dialog and understanding of citizens needs.

2:15 pm - 3:15 pm   Wednesday, July 10
Esri Best Practices: Implementing ArcGIS Hub

User Conference, All Users, Implementing ArcGIS, Technical Workshop

SDCC - Room 30 A - Nick Giordano, Eric Apple

DESCRIPTION

A Smart Community is about creating a hub of innovation that connects people with information and tools to make better decisions and improve quality of life. We will highlight the best practices for transforming your organization into a Smart Community by implementing a Hub of innovation. During this session, we will focus on the people and processes required to be successful.

2:30 pm - 3:30 pm   Wednesday, July 10
Census & Statistical: Efficiencies through GIS

Official Statistics and Census, User Presentations, User Conference, All Users

SDCC - Room 24 A

DESCRIPTION

Official Statistics and Census methods continue to evolve. Taking advantage of technological advances and new data streams while maintaining authoritative, secure and easy to use tools is perhaps our biggest challenge. This session will showcase methods for allowing users to complete complex tasks in new simpler workflows… as well as look at methods of data integration.

2:30 pm - 3:15 pm   Wednesday, July 10

Optimize Your Items for Search and Living Atlas

Demo Theater Presentation, User Conference, All Users, Living Atlas

SDCC - Expo Demo Theater 11 - Julia Holtzclaw

DESCRIPTION

You've done great work, but can people find it online? See what final touches you can apply to ensure your work can be easily found in ArcGIS Online and Pro, and if desired, the Living Atlas. We'll share best practices for item title, summary, description, source information, how to mark it authoritative, tags, thumbnail, delete protection and more.

2:30 pm - 3:30 pm   Wednesday, July 10

Community Resiliency with GIS

User Presentations, User Conference, Emergency Management, All Users

SDCC - Room 28 E

DESCRIPTION

This session will discuss how GIS is being used in community resiliency efforts.

2:30 pm - 3:30 pm   Wednesday, July 10

Global and Planetary Scientific Data and Image Management

User Presentations, User Conference, Earth Sciences, All Users

SDCC - Room 29 A

DESCRIPTION

Presenters in this session will be addressing workflows and infrastructure to make large scientific and imagery datasets discoverable and publicly available for advanced analysis.

2:30 pm - 3:15 pm   Wednesday, July 10

Creating Orthoimagery From Aerial and Satellite Imagery

SDCC - Expo Demo Theater 02 - Hong Xu

DESCRIPTION

Ortho imagery is one of the key data sources for making background and analytical maps in GIS. With the photogrammetric triangulation capability and rich image processing framework of the ArcGIS platform, it's possible to turn satellite imagery and digital or scanned aerial photography into authoritative ortho mapping products, including orthomosaics, digital terrain models, and digital surface models. The session demonstrates how to use the ortho mapping capability in ArcGIS Pro to process satellite images and digital or scanned aerial photography into authoritative ortho mapping products.

2:30 pm - 3:15 pm   Wednesday, July 10

Open Platform Patterns

User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Adam Martin, Satish Sankaran

3:30 pm - 4:15 pm   Wednesday, July 10

Understanding and Using Esri's Open i3S Specification

User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Tamrat Belayneh, Keith Ryden

4:00 pm - 5:00 pm   Wednesday, July 10

Helping the Workforce Survive and Thrive in Times of Technology Change

User Conference, All Users, Implementing ArcGIS, Technical Workshop

SDCC - Room 10 - David Schneider

DESCRIPTION

Technology-driven changes that disrupt and displace engrained workflows may encounter strong resistance. Organizations that fail to address the human impacts of new technology risk failed technology initiatives. This session explores best-practices for helping individuals adapt to change, embrace new workflows, and effectively use new technology to achieve intended business results. See a proven model for engaging executives, communicating vision and strategy, and

supporting teams through their change journey. Understand how to mitigate change-related challenges by aligning technology use to organizational goals and intrinsic values.

4:00 pm - 5:00 pm   Wednesday, July 10
Build, Manage, and Customize Vector Basemaps in 60 Minutes!
User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 15 A - Wesley Jones, Andrew Green

DESCRIPTION

You've got data and maps. We've got data and maps. Learn how to create and customize vector basemaps from team members who build and style them for the Esri platform. This is the best place to pick up tips, tricks, and tools to be successful with vector basemaps and have fun throughout the process. By the end of the session, you'll be singing about maps.

4:00 pm - 5:00 pm   Wednesday, July 10
ArcGIS Enterprise: Architecting Your Deployment
Web GIS: Enterprise, User Conference, All Users, Technical Workshop

SDCC - Ballroom 06 C - Sam Libby, George Thompson

DESCRIPTION

Architecting your ArcGIS Enterprise deployment doesn't have to be difficult. This session will cover the fundamentals of architecting the base ArcGIS Enterprise deployment and will lead you through more complex deployment scenarios that include the capability-based ArcGIS Server roles, such as Image Server and GeoAnalytics Server. Full of best practices and helpful tips, this session aims to set you up for success in planning and deploying ArcGIS Enterprise whether you're starting from scratch or upgrading an existing server or Web GIS deployment.

4:00 pm - 5:00 pm   Wednesday, July 10
ArcGIS Online: An Introduction to Security, Privacy, and Compliance
User Conference, Web GIS: Online, Intermediate, Technical Workshop

SDCC - Room 09 - Michael Young, Paul Ross, Andrea Rosso

DESCRIPTION

A Security, Privacy, and Compliance Overview of ArcGIS Online including best practices and discussion about certifications and other security information

4:00 pm - 5:00 pm   Wednesday, July 10
Living Atlas of the World: The Road Ahead
User Conference, What's Coming: The Road Ahead, All Users, Technical Workshop

SDCC - Room 16 B - Sean Breyer, Deane Kensok

DESCRIPTION

This session will cover recent and planned updates to the Living Atlas of the World.

5:30 pm - 6:15 pm   Wednesday, July 10
Open Initiatives In The Point Cloud World
User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Keith Ryden

5:45 pm - 6:05 pm   Wednesday, July 10
Distributed Web GIS - A Modern Approach to Sharing
Implementing ArcGIS Expo Spotlight Talks, User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Implementing ArcGIS Spotlight Theater - Sean McGinnis

DESCRIPTION

Distributed GIS provides a modern approach that supports a new type of collaboration across multiple systems where users are able to easily create, manage, analyze, and publish geospatial data and information. Understand the best practices to help structure the nodes, bring the authoritative data and information products closer to the end users while preserving departmental control and access and supporting the broader enterprise needs.

Thursday, July 11

8:30 am - 9:30 am   Thursday, July 11
ArcGIS Data Reviewer: Advanced Data Validation
User Conference, Spatial Data Management, Intermediate, Technical Workshop

SDCC - Room 30 E - Francisco Perez, Shankar Chandrasekaran

DESCRIPTION

Learn how to implement ArcGIS Data Reviewer to support your organization's constantly evolving data quality requirements. This session will focus on integrating Data Reviewer's validation capabilities that detect poor quality data, streamlining data maintenance workflows that improve data quality, and increasing data quality transparency by highlighting data liabilities to multiple stakeholders.

8:30 am - 9:30 am   Thursday, July 11
ArcGIS Hub: An Introduction
User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Ballroom 06 F - Brenda Wolfe, Andrew Turner, Alan Cassidy

DESCRIPTION

ArcGIS Hub provides a platform for two-way community engagement. Attend this session to learn how to use ArcGIS Hub to rally internal staff and external collaborators around initiatives. You will learn how to activate and configure initiative websites, apps and content that engage your community. With ArcGIS Hub, every members of your community can have their own unique identity that enables them to follow initiatives, register for events, share data, take surveys, provide feedback, and join your initiative teams.

8:30 am - 9:30 am   Thursday, July 11
Community Maps Program: Best Practices for Contributing
User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 16 B - Seth Sarakaitis

DESCRIPTION

Join this lively discussion about the best practices and tips and tricks that make

all the difference in the Community Maps Program! We will cover user successes, new tools and techniques, and tricks for making the most of Living Atlas layers as a Community Maps Contributor. See how your content can support your users while building the Living Atlas basemaps. Learn from the Living Atlas team and your peers and others who publish, use, and promote collaboratively created basemaps on a daily basis.

8:30 am - 9:30 am   Thursday, July 11

Forest Inventory Analysis and Assessment

User Presentations, User Conference, Forestry, All Users

SDCC - Room 27 A

DESCRIPTION

This dynamic forestry session explores how ArcGIS is being used to create, update, and analyze forest inventory in public forests and privately-owned timberlands. Presentations in this multi-sectoral session will demonstrate how stand-level data is captured and updated using growth models and then shared with relevant stakeholders, levering a powerful modeling framework to map variable width riparian areas, and sampling forest stands using high-resolution natural color imagery with unmanned aerial vehicles (UAV). Technical themes such a big data, geospatial data processing, imagery analysis, temporal analysis, and artificial intelligence (AI) will be covered.

8:30 am - 9:30 am   Thursday, July 11

Port Modernization with GIS

User Presentations, User Conference, All Users, Maritime and Ports

SDCC - Room 27 B

DESCRIPTION

This session will highlight the enterprise capabilities of ArcGIS for use in ports and dredge management.

8:30 am - 9:30 am   Thursday, July 11

Data and System Interoperability with ArcGIS

User Conference, Spatial Data Management, All Users, Technical Workshop

SDCC - Room 33 C - Satish Sankaran, Marten Hogeweg

DESCRIPTION

Interoperability is central to the success of most GIS operations. Data coming from various sources, GIS working with CAD, different GIS platforms being used in across
the organization – these are examples of challenges facing GIS users. The ArcGIS platform is built to interoperate and make our users successful. The session will review the how ArcGIS ensures you can work well in a heterogeneous environment.

8:30 am - 9:30 am   Thursday, July 11
ArcGIS Online: The Road Ahead
User Conference, What's Coming: The Road Ahead, Intermediate, Technical Workshop

SDCC - Ballroom 06 D - Jeremy Bartley, Kelly Gerrow-Wilcox, Suzanne Foss, Peter Becker, Paul Ross, Deane Kensok

DESCRIPTION

Are you looking to find out what has been updated on ArcGIS Online recently and what is planned for the upcoming year? Attend this session!

8:30 am - 9:30 am   Thursday, July 11
Developing and executing a Geospatial Strategy
User Presentations, User Conference, Implementation Successes, All Users

SDCC - Room 25 C

DESCRIPTION

What does it take for a GIS program to be successful? The most successful programs are those that develop a geospatial strategy that aligns GIS activities to an organization's business objectives and is executed through a thoughtful plan that considers people, process, and technology. Come to this session to learn how a strategic approach helped one program increase the visibility of GIS to engage with a new set of users and another program secure a significant multi-year long term investment in GIS from city leadership.

8:30 am - 9:30 am   Thursday, July 11
Empowering DOT Field Work Crews with ArcGIS
User Presentations, User Conference, Highways and Roads, All Users

SDCC - Room 25 B

DESCRIPTION

These presentations highlight how Esri's mobile technology can deliver significant efficiencies in standard maintenance workflows.

10:00 am - 11:00 am   Thursday, July 11
Local and Global Tools for Weather and Atmosphere
User Presentations, User Conference, Earth Sciences, All Users

SDCC - Room 29 D

DESCRIPTION

Locally, this session will detail Hurricane Michael damage response using the National Weather Service Damage Assessment Toolkit, followed by a presentation of NASA's Atmospheric Science Data Center and efforts to make global climate and atmospheric data more accessible.

10:00 am - 11:00 am   Thursday, July 11
Operations Dashboard for ArcGIS: An Introduction
User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Ballroom 06 F - Derek Law, Patrick Brennan, Sandra Luken

DESCRIPTION

Operations Dashboard for ArcGIS helps decision makers keep track of their day-to-day operations. Situational awareness is gained by monitoring activities and events, tracking field workforces, and assessing the status or performance of daily operations. In 2017, Operations Dashboard for ArcGIS has evolved to a pure web architecture, where dashboards are both authored and consumed from within a browser. This evolution comes with many improvements in layout and mapping capabilities. This session is for anyone who wants to learn about creating and configuring dashboards

10:00 am - 11:00 am   Thursday, July 11
California's Groundwater: Federal, State, and County
User Presentations, User Conference, Water Resources, All Users

SDCC - Room 29 C

DESCRIPTION

Join this session to learn about the California State Board Groundwater Ambient Monitoring and Assessment Program. Presenters will share how data is being gathered, processed, and shared to support understanding of groundwater

resources and new legislation requiring the creation of groundwater sustainability plans.

10:00 am - 10:45 am   Thursday, July 11
ArcGIS for INSPIRE: An Introduction
Web GIS: Enterprise, Demo Theater Presentation, User Conference, All Users

SDCC - Expo Demo Theater 05 - Marten Hogeweg

DESCRIPTION

Esri has thought hard about improving collaboration, sharing and exploitation aspects of Spatial Data Infrastructures. We have developed technology that allows organizations and governments to create a collective, interconnected "system of systems" across the web that can dynamically replicate and integrate information from all parts of a government through a unified GIS portal. INSPIRE is a national and regional system of systems network with enormous potential. This session will cover ways to leverage emerging distributed GIS patterns to help meet INSPIRE objectives and user expectations.

10:30 am - 11:15 am   Thursday, July 11
Open Platform Patterns
User Conference, EXPO Spotlight Talks, All Users

SDCC - Expo - Open Platform: Standards & Interoperability Spotlight Theater - Adam Martin, Satish Sankaran

12:15 pm - 1:00 pm   Thursday, July 11
Distributed Collaboration: Sharing Data with ArcGIS Enterprise
Web GIS: Enterprise, Demo Theater Presentation, User Conference, All Users

SDCC - Expo Demo Theater 05 - Hilary Curtis, Caroline Wright

DESCRIPTION

Share your ArcGIS Enterprise content (layers, web maps and apps) across organizations using distributed collaboration, a built-in feature of ArcGIS Enterprise. Join us in this session for a high level overview of collaboration concepts and use cases. We will also demonstrate how data is shared to other ArcGIS Enterprise deployments and ArcGIS Online in a step by step workflow.

12:15 pm - 1:00 pm   Thursday, July 11
Principles of Policy Mapping

SDCC - Expo Demo Theater 09 - Jim Herries

DESCRIPTION

Policy maps clearly show where there is an opportunity to intervene. How do you make maps such that the opportunity to intervene is made clear? In this workshop, learn about the process for mapping the visible symptoms, enabling infrastructure, and hidden causes known or suspected to be involved. Examples show how to address unclear expectations, show areas resistant to change, and perform useful spatial analysis in just a few steps.

1:00 pm - 2:00 pm   Thursday, July 11
Incorporating American Community Survey into Your Workflows
User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 03 - Lisa Berry, Diana Lavery

DESCRIPTION

The ArcGIS Living Atlas of the World now contains some popular tables from the most current data from the American Community Survey (ACS). These valuable layers use data from the US Census Bureau and can easily be accessed to explore topics such as basic population characteristics, housing, education, poverty, home ownership, journey to work, employment and more. These layers can be used as-is or can be customized to work with your maps, story maps, configurable apps, and dashboards. This session introduces the data, where to find it, and how to easily start using it within your GIS workflows.

1:00 pm - 2:00 pm   Thursday, July 11
Simplifying Data Sharing
User Presentations, User Conference, Water Resources, All Users

SDCC - Room 29 B

DESCRIPTION

Making data easier to access and share can result in big benefits. Presenters in this session will share their stories of using maps, apps, and portals to bring value to staff across departments as well as stakeholders and the public.

1:00 pm - 2:00 pm   Thursday, July 11
Understanding and Styling Vector Basemaps

SDCC - Room 30 C - Jessica Acosta Rodriguez

DESCRIPTION

One of the many benefits to the Esri Vector Basemaps is the ability to customize them. This styling can range from corporate branding with simple color changes to a full blown cartographic overhaul of the design and content. This workshop presents both tips and tricks for quick styling to more involved changes that can significantly alter the map's appearance. The tools available to make this happen will also be showcased.

1:00 pm - 2:00 pm   Thursday, July 11

GIS Governance

User Conference, All Users, GIS Managers, Technical Workshop

SDCC - Ballroom 20 A - Matt Lewin

1:00 pm - 2:00 pm   Thursday, July 11

Streamlining Your Information Infrastructure

User Presentations, User Conference, Highways and Roads, All Users

SDCC - Room 25 A

DESCRIPTION

These papers highlight leading-edge applications for project submittal, project tracking, and increasing the efficiency of your infrastructure.

2:30 pm - 3:30 pm   Thursday, July 11

ArcGIS Online: Best Practices for High Demand Layers

User Conference, Web GIS: Online, All Users, Technical Workshop

SDCC - Room 09 - Jeremy Bartley, Kelly Gerrow-Wilcox, Beth Romero

DESCRIPTION

Web Mapping Applications provide spatial context for current events, news stories and public information, sometimes generating large amounts of web traffic. ArcGIS Online's cloud infrastructure can scale to meet the needs of high demand apps, receiving hundreds of thousands of requests. This session reviews best practices of layer types, layer and web map configurations, and sharing settings that help popular (viral) apps take advantage of ArcGIS Online's Scalable Architecture.

2:30 pm - 3:30 pm   Thursday, July 11

Choosing the Right Basemap

User Conference, All Users, Living Atlas, Technical Workshop

SDCC - Room 03 - Andrew Skinner, John Nelson

DESCRIPTION

Basemaps are the foundation for your maps and apps. Are you sure the one you've chosen is best supporting the story you're trying to tell? In this session, we'll review the basemap options available to you through the Living Atlas of the World and guide you quickly through the selection process, why some are designed for certain use cases over others, and how using one of the Esri Vector Basemaps may provide you with the best benefit of them all. What's more, we'll show you how to create, modify, and in general revel in the customizable fun of vector basemaps with the Vector Basemap Editor.

2:30 pm - 3:30 pm   Thursday, July 11

Linear Referencing for State DOTs

User Presentations, User Conference, Highways and Roads, All Users

SDCC - Room 25 B

DESCRIPTION

This session will highlight several examples of agencies using ArcGIS to manage and maintain their linear referenced street network data.

2:30 pm - 3:30 pm   Thursday, July 11

Regional Transportation Planning

User Presentations, User Conference, Planning, All Users

SDCC - Room 26 A

DESCRIPTION

How will regional transportation planning change in the next 5 years? 10 years? 20 years? With changing travel demand and patterns, see how GIS can be used to manage regional transportation efforts.

Friday, July 12

9:00 am - 10:00 am   Friday, July 12

ArcGIS Pro: The Road Ahead

User Conference, What's Coming: The Road Ahead, Intermediate, Technical Workshop

SDCC - Ballroom 06 F - Stefan Balbo, Rob Elkins, Amir Bar Maor, Nathan Shephard, Jim McKinney, Craig Williams, Drew Flater, David Watkins

DESCRIPTION

This session will talk about what's new in the latest release of ArcGIS Pro and what's planned for later this year.