Local Government UC 2021 program Tips & Tricks

Monday 12.7.2021

Time 18:30 – 22:00 Esri User conference Plenary session 1

Jack Dangermond, Esri staff, and special guests will share their powerful stories of how GIS is helping users shape our science, policies, and actions.

Time 22:30 – 23:30 ArcGIS: An Introduction

ArcGIS is your first step toward better, smarter decision making and a more efficient organization. In this session, we will explore the capabilities of ArcGIS, and how they can be used to apply location-based analytics to your business practices. In addition, we will discuss how ArcGIS facilitates collaboration via maps, apps, dashboards, and reports.

Tuesday 13.7.2021

Time 17:15 – 18:15 ArcGIS Enterprise: The Road Ahead

In this session, we will present both the short and long-term vision for ArcGIS Enterprise across many capabilities that are part of the product.

Time 17:15 – 18:15 ArcGIS Hub: An Introduction

Organizations around the world are using ArcGIS Hub to engage communities, promote transparency, and collaborate across departments. During this session you will be introduced to ArcGIS Hub and how to get started with organizing internal staff and external collaborators to achieve your organization's community engagement goals.

Time 17:15 – 18:15 3D on the Web with ArcGIS

In this session we will show how you can leverage your 3D GIS data by making it accessible through web browsers.

Time 17:15 – 18:15 ArcGIS Pro: Introduction to Using CAD Data

GIS workflows often rely on CAD data generated by outside survey, Engineering, and Architectural sources. This technical session will discuss how your organization can leverage CAD data using proper techniques and data Integration tools in ArcGIS Pro. This functionality includes ArcGIS for AutoCAD, ArcGIS desktop support for AutoCAD Civil 3D and connection to Autodesk's BIM 360 software.

Time 18:30 – 20:00 Esri User conference Plenary session 2

Jack Dangermond, Esri staff, and special guests will share their powerful stories of how GIS is helping users shape our science, policies, and actions.

Time 21:45 – 22:45 ArcGIS Online: Spatial Analysis

This workshop introduces the spatial analysis capabilities available in ArcGIS Online, Esri's cloud-based mapping and analysis system.

Time 21:45 – 22:45 ArcGIS Survey123: Working with Online Surveys

Online forms are the ideal way to collect information easily and reliably on any digital platform including social media, websites or embedded in other web applications. Join this session to learn how you can build online forms with drag-and-drop ease using the ArcGIS Survey123 web designer.

Time 21:45 – 22:45 ArcGIS Pro Editing: An Overview

This introductory session provides an overview of common editing workflows such creating new features using feature templates, snapping, updating attributes, and modifying existing feature geometry using various tools and techniques.

Time 21:45 – 22:45 ArcGIS Online: The New Map Viewer

Go from data to impactful maps in minutes with the new Map Viewer! Come to this session to familiarize yourself with the powerful capabilities of the new Map Viewer and how to transition your existing workflows from Map Viewer Classic.

Time 23:00 – 24:00 ArcGIS Online: The Road Ahead

In this session, the ArcGIS Online team demo new capabilities that were just released with ArcGIS Online and discuss and demo new capabilities that are coming in the next year.

Time 23:00 – 24:00 ArcGIS Enterprise: Designing Sites and Pages

Using ArcGIS Enterprise Sites, you can create a tailored experience via websites and pages that supports easy discovery of maps, apps, and other content in ArcGIS.

Time 23:00 – 24:00 Spatial Data Science: Data Visualization and Exploration

This workshop with cover how data visualization techniques within ArcGIS can help you explore your data, interpret the results of analysis, and communicate findings.

Wednesday 14.7.2021

Time 17:30 – 18:30 GIS + BIM for AEC Project Delivery and Operations

Improving BIM and GIS integration has enabled users to support project delivery and operations by adding context throughout an asset's life cycle, enabling new capabilities for Digital Twins. Get an overview of ArcGIS connectors within design, discuss Esri investment in BIM connectivity in ArcGIS Pro and reality capture, learn how it can supply GeoBIM workflows, and hear about other road map advancements.

Time 17:30 – 18:30 ArcGIS Field Maps: Creating and Using Smart Forms

ArcGIS smart forms improve the way that you collect and update data in the field. Using the ArcGIS Field Maps web application, you can organization fields into

groups, qualify input types, mark fields as required or read-only, and set conditional visibility using the Arcade expression language. In this session, you will learn how to get started with ArcGIS smart forms.

Time 17:30 – 18:30 ArcGIS Velocity: Real-Time and Big Data Analytics

ArcGIS Velocity is a new real-time and big data processing and analysis capability in ArcGIS Online. Join the discussion showcasing how to create real-time analytics to detect patterns of interest from continuous streams of events.

Time 17:30 – 18:30 ArcGIS StoryMaps: What's New and What's Coming

ArcGIS StoryMaps keeps getting better! We have added updates and enhancements that expand the authoring tools for creative storytelling and improve the reading experience. Tune in to learn about new storytelling features.

Time 20:00 – 21:00 ArcGIS Field Apps: The Road Ahead

Join this session to hear the field apps team discuss what is new and what's coming to Esri field apps. This session will cover the entire field apps suite, which includes Field Maps, Navigator, QuickCapture, Survey123, and Workforce.

Time 20:00 – 21:00 Drone Imagery: Creating Orthomosaics, DEMS and 3D Mesh

Learn about Esri's solutions for imagery mapping using drone imagery in field, desktop, enterprise, and SaaS environments. Use the photogrammetric capabilities of ArcGIS to process raw drone imagery to generate accurate orthomosaics, digital elevation models, point clouds, and 3D mesh, and learn about options for asset inspection and working with drone video.

Time 20:00 – 21:00 ArcGIS Pro: Taking Advantage of 3D

n this workshop we will explore why 3D should be an important part of your GIS workflow, and how ArcGIS Pro's 3D features will strengthen your visualization and analysis capabilities. If your new to 3D, this workshop will highlight setting up your 3D environment, Base Heights, Illumination, Shadows, Local vs Global Scenes, Symbology, and more.

Time 21:15 – 22:15 ArcGIS Online: Partnered Collaboration Between Organizations

Promote collaborative map and app editing between multiple ArcGIS Online organizations using Partnered Collaboration. Learn how to co-manage groups, maps, apps, and members to create rich inter-organizational content.

Time 21:15 – 22:15 ArcGIS: Map Wizardry

Sit back and enjoy this inspiring cartographic ride! In this session we share some truly mesmerizing maps to demonstrate the cartographic power and flexibility of the ArcGIS platform. We go beyond the defaults, and bend ArcGIS to our every cartographic whim to bring data to life using innovative and imaginative techniques.

Time 22:30 – 23:30 ArcGIS GeoBIM: Connecting GIS & BIM

Recently, GIS and BIM integration has seen tremendous growth on multiple fronts: extending GIS to design applications, consuming BIM content directly into GIS, and visualizing these in new web experiences that can be shared with project or operation teams.

Time 22:30 – 23:30 ArcGIS Pro: Tips and Tricks

It does not matter if you are brand-new to ArcGIS Pro or a seasoned veteran. This workshop will highlight numerous tips, tricks, tools, and capabilities that will enable you to make the most out of your data and workflow.

Time 22:30 – 23:30 ArcGIS Online: Using Smart Mapping

Smart mapping helps you quickly create attractive and useful maps. Live demos in the new Map Viewer showcase its value: map styles to match your data, intelligent recommendations, well-designed color ramps, symbols, pop-ups and labels, and easy customization options to suit your map's purpose.

Time 22:30 – 23:30 ArcGIS Enterprise: Publishing Content and Services

This session will focus on publishing content and services with a focus on ArcGIS Pro and ArcGIS Enterprise, including ArcGIS Server. We will discuss the infrastructure components that you will need and talk about how to publish various service types like map services, feature services, and more using your data.

Explore the full agenda