

Session Abstracts

Inside the Rock County Employee Geospatial Storefront

Presented by Jennifer Borlick, Rock County

Description: Rock County received the 2025 Esri Special Achievement in GIS award for the implementation of the Rock County Geospatial Storefront. Join Jennifer as she provides a quick tour of the storefront and its creation.

The goal of the Storefront is to provide a central location for engaging employees with our expanding GIS program. This scalable and flexible storefront, created using Sites on ArcGIS Enterprise, is accessible on all networked computers and allows users to explore data and resources, find training and support, request services and access, review policies and standards, and discover news and events. The Geospatial Storefront serves as a place for communicating our geospatial strategic plan and garner support from employees and departments to provide opportunities for greater innovation, collaboration and transparency that will benefit the residents of Rock County.

Keywords: *Esri Sites, GIS Roadmap, Collaboration, SAG*

Preparing for Esri Upgrades and Migrations

Presented by Julian Guess, Avineon, Inc.

Description: GIS technology is evolving at a rapid pace. Software compatibility is a major factor when upgrading your GIS since integration with other systems is common. Targeted versions of the GIS software must be compatible with RDBMS software, server operating systems, and third-party software. These compatibility issues can limit which version of software that you can upgrade, and a comprehensive evaluation must be done prior to starting the upgrade process. Many times, hardware upgrades require migrations to new machines, whether they are terrestrial or virtual. Required downtime must be considered and finding the ideal time to do this work can be a challenge. We will discuss all the items that must be considered when planning an upgrade, including software compatibility issues, how to determine if a migration is required, working with numerous stakeholders to plan a go-live for the upgrade, utilizing test environments to forecast potential issues, along with other relevant topics.

Keywords: *Esri, ArcGIS Enterprise, Planning*

Building Smarter Field Workflows with ArcGIS Field Maps

Presented by Jessica Lott, dymaptic

Description: In this session, attendees will learn how to configure ArcGIS Field Maps to support accurate, efficient field data collection using contingent values, Arcade expressions, and well-designed forms. The presentation focuses on practical setup techniques that participants can apply directly to their own projects. Attendees will learn how to build contingent value groups to guide attribute entry, write Arcade expressions to automate calculations and enforce data rules, and design mobile-friendly forms that reduce errors and manual cleanup. The session also covers considerations for offline use and schema design to support scalable, analysis-ready datasets.

By the end of the session, participants will understand how to extend Field Maps beyond basic data capture and implement intelligent, rules-driven field workflows in their own organizations.

Keywords: *Field Maps, Arcade, Data Governance, Field Collection, Smart Forms*