

Session Abstracts

Modernizing the Foundation: Indianapolis' Address and Parcel Modernization Initiative

Presented by: Emily Simms, City of Indianapolis-Marion County & Ashley Hitt, Cultivate Geospatial Solutions

Description: The City of Indianapolis and Marion County embarked on a strategic initiative to replace aging, unsupported address and parcel management systems with a unified, enterprise-grade GIS framework. The Address and Parcel Modernization Initiative (APMI) migrates the legacy Master Address Database (MAD) to Esri's Address Data Management solution and upgrades the existing parcel fabric to the latest ArcGIS Pro environment. Key outcomes include streamlined editing workflows, improved geocoding accuracy, automated data processes via Python and Arcade scripting, and a custom API wrapper to ensure continuity for downstream applications. This presentation will share lessons learned, implementation strategies, and the cross-agency collaboration required to transform foundational geospatial data for a major urban county.

Keywords: *addressing, parcels, modernization*

MIDAS: Pathways for GIS Gold

Presented by: Matt Gerike, Virginia 9-1-1 & Geospatial Services

Description: Spatial data and the procedures and processes we use to maintain them are often changing as business needs change or systems using the data change. Virginia's 9-1-1 & Geospatial Services Bureau developed the acronym MIDAS in 2024 as easy to remember and reference talking points for use with local GIS partners and contractors about GIS data for 9-1-1. This presentation explores the need, explains the Maintain, Improve, Document, Automate, and Standards (MIDAS) acronym, considers several ways that the concepts are used, and suggests broader benefits of the message.

Keywords: *Data Maintenance, Process Improvement, Automation, Change Management, Resiliency, Cybersecurity*

The Barbados Building ID: A Game-Changer for Geospatial Intelligence

Presented by: Paul Collymore, Barbados Lands and Surveys Department

Description: Accurate, reliable location information is essential to modern service delivery in Barbados; from emergency response to logistics and national planning. Yet longstanding addressing challenges have often made it difficult to quickly and confidently identify building locations.

The Barbados Building Identification (BBID) application offers a bold, modern solution. The BBID assigns a unique identifier to every building and creates a clear, standardized way to find and reference any building or structure across the island. This innovative platform strengthens national data systems, enhances service efficiency, and unlocks new opportunities for location-based technologies.

This presentation highlights how the BBID is reshaping Barbados' geospatial landscape and enabling a smarter, more connected future. It also looks at the journey of collaborating with other Government agencies to achieve its goal.

Keywords: *location services; building ID; inter-agency collaboration*

GIS for NG911 in Wisconsin; Where We Stand and What's Next.

Presented by: Zachary Hassler, Wisconsin Department of Military Affairs

Description: The Wisconsin Next Generation 911 project is well underway and starting to prepare for the transition to final state data structures. We will be discussing the current status of the GIS side of the Wisconsin NG911 project, where next we need to go with our 911 GIS data, and how we are going to get there. Most importantly how the State of Wisconsin is leading a hand.

Keywords: *NG911, 911*