ABSTRACT(S) IN THIS SESSION

Resilient Asset Management vs. Emergency Preparedness
Arnab Bhowmick, CEO, Aakavs Aktivov Asset Management, Issaquah, WA

ABSTRACT TEXT: The market has already moved on to cloud and mobility for asset and maintenance management in the field and overall asset management in the office. Organizations face continuous challenges to accomplish more with less to address emergency preparedness, resiliency, compliance, legal and regulatory requirements, asset and infrastructure management, capital budget planning, political imbalances, economic landscape changes, and capital and operating budgets constraints. Resilient Asset Management is the solution to address these moving gears, and improve citizen services, business continuity, and operations efficiency. Such a system should provide cutting edge features and functions at an affordable cost on mobile and cloud platform. We will also discuss benefits, ROI, and case studies - how other local govt. entities are already using these technologies to streamline their business, and manage resources for most efficient and best use. We will share local govt. success stories, and most importantly lessons learned that will help you implement such programs.

Learning Objective1: How to build an affordable GIS based mobile-centric asset management and emergency management scope and program from scratch

Learning Objective2: How to choose technical components including software/ hardware for mobilizing workforce in the field for any kind of GIS centric field based work - emergency management, maintenance management etc.

Case Studies: Cities and Districts - local govt. case studies

Skills: Creating a GIS based mobile centric asset management and emergency management program using efficient tools and techniques.

Improved 9-1-1 Indoor Location Accuracy For Mobile Devices
Deb Rozeboom, PMP, ENP, GISP, General Manager – GeoComm West Coast Office, Saint Cloud, MN

ABSTRACT TEXT: Today more and more people rely on mobile phones as their primary phone service and are disconnecting wireline service altogether. As a result, more 9-1-1 calls are being placed from mobile phones than ever before, including inside buildings where traditional 9-1-1 mobile phone location technology does not work well. New location technology solutions are emerging that make calculation of indoor positions for mobile phones during a 9-1-1 call possible, and include major technology announcements from both Apple and Google in 2018 in this area.

The ability to track mobile phones indoors during 9-1-1 calls will create new demands for 2D and 3D indoor GIS maps for 9-1-1 call takers, dispatchers, and emergency responders. This session will explore these new innovations in the 9-1-1 world, and discuss their impacts to GIS.