

## **Topic: Municipal Applications of Survey123 Surveys and Live Dashboards for Emergency Response, Utilities, Project Management, and Public Works.**

### ***How Survey123 helps serve City of Ocoee's municipal functions***

Presentation will cover practical uses of Survey 123 and live Dashboards as an effective communication tool.

Included will be overview of municipal applications of Emergency Response damage assessments, Utilities manhole inspections, Public Works sidewalk survey, and Project Management construction punch list indoor GIS.

Emergency response dashboard summarizes 3 separate damage assessment surveys (residential, commercial, and public facilities). Dashboard allows viewing of quantities, locations, distribution by zone, and survey details as well as tally damages by cost in the event of a major emergency.

Utilities manhole survey was created to ensure satisfactory conditions are met for sanitary sewer collection system and prioritize repairs based on criticality. Accompanying dashboard captures status within service area, inspections by month and inspector as well as overall conditions observed.

Project management construction punch list for new City Hall construction allowing for inventory & mapping of punch list items for additional internal quality assurance.

Public Works sidewalk survey was created for planned replacement prioritization and budget planning.

#### **Bio:**

Luis currently serves as a GIS Analyst for the City of Ocoee Support Services Department. He has over 20 years of GIS experience and more than 30 years in civil engineering in both the private and public sectors.

Luis started his career in the New York City, City Planning Transportation Division. In this role, he worked on major transportation projects that were planned and then proposed for development. A native New Yorker, Luis decided to move south to the Orlando area to continue his career in civil engineering.

Before starting with the City of Ocoee in 2022, Luis was with the Orange County Stormwater Management Division and the Orange County Supervisor of Elections providing GIS support for both organizations.

Kelsey Katro currently serves as a GIS Analyst for the City of Ocoee Utilities department supporting the potable, reclaimed, and sanitary sewer utility systems.

After graduating in 2009 from University of California at Santa Barbara, Kelsey moved to Oahu, Hawaii for a position in construction management of privatized military housing with Lend Lease LLC.

Eventually relocating to Charleston, South Carolina, she began working in utilities in 2015 with the James Island Public Service District sewer system. Seeing the positive impact that a GIS position can have with a utility system - she has enjoyed continuing her career here in central Florida.

Included are:

Luis Martinez, GISP- GIS Analyst, Support Services

Kelsey Katro, GISP- GIS Analyst, Utilities

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