



WISCONSIN
LAND INFORMATION
ASSOCIATION

WI Municipal GIS User Group Meeting 2019

This group is primarily for Wisconsin City Government GIS folks who have a shared interest in implementing GIS in municipal government.

A WLIA Special Interest Group

Friday, September 27, 2019

West Allis City Hall

Art Gallery / Training Room

7525 W Greenfield Ave

West Allis, WI 53214

8:30 – 8:35 Welcome, Opening remarks

8:35 – 9:05 Unmanned Aircraft Systems

Ruekert – Mielke Daniel Schwartz

Unmanned Aircraft System (UAS, or simply drone) technology has become an indispensable data acquisition tool for the modern engineer and surveyor. From simple aerial photography to complex surveying and mapping projects, drone technology can add value to your projects by giving you more information with which to make critical project decisions. Furthermore, information that used to take days or even weeks to collect can often be captured, processed and delivered in less than 24 hours! Ruekert & Mielke, Inc. used UAS technology to provide the Village of Sister Bay with accurate, cost-effective and nearly real-time deliverables to start up its new GIS system.

9:10 – 9:40 CCTV Integration with CityWorks using ArcGIS Server

City of Racine, WI – Thierno Ndao

This presentation will explore the City of Racine's journey around integrating sanitary and sewer CCTV data with GIS: past, present, and future. This presentation will be centered around the CityWorks CCTV module and Esri's ArcGIS Server.

9:45 – 10:15 Esri Capital Improvement Solution Set

GISInc – Tyler Prah

The Esri CIP solution is a free data structure and suite of web templates deployable to your geospatial platform to manage Capital Improvement Plan activities. This presentation and discussion will explore the key benefits and opportunities provided when implemented in local government.

10:15 – 10:25 Break

These presentations may be recorded. You may be recorded and this may be publicized.

10:25 – 10:55 Migration of Sewer data from CAD to GIS

City of Milwaukee, WI – Yance V Marti, PE

Frederick Pattillo

This presentation will describe the migration to ArcGIS from our prior record-keeping of sewer data on MicroStation and with paper records. This presentation will explain the process we took and are still taking to update our workflows.

11:00 – 11:30 Digital Record Keeping – Cartegraph OMS

City of Brookfield, WI – Joseph Tew, PLS

A quick presentation of the City of Brookfield Sanitary Sewer process and digital record keeping. This will include the Cities migration from ArcGIS OnLine Web App's to Cartegraph's Operation Maintenance System (OMS) highlights, with possibly a Live Look at the data.

11:35 – 12:05 ArcGIS Pro 101

City of Sheboygan, WI – Andrew Bartell

First Steps with ArcGIS Pro: The City of Sheboygan will give a quick overview of the main functional differences between ArcMap and ArcGIS Pro, and give advice, tips, and tricks to users who are still using ArcMap but interested how to take the first steps in using ArcGIS Pro.

12:10 – 12:40 Marshfield's Sidewalk Rehabilitation Program using Survey123

City of Marshfield, WI – David Buehler

Sidewalk Rehabilitation is a must for a municipality. With law suits ever present, evidence is the best defense. Documenting complaints and managing an on-going maintenance program is the best defense a City has against potential law suits. The City of Marshfield's Sidewalk Rehabilitation Program's inspections has taken the next step, and gone paperless for both the inspection and analysis of the sidewalk system. Survey123 has formed the backbone of the new process, along with a Trimble R2 unit for accurate slab identification. With those two components the City has been able to save administrative costs, and dedicated more money into fixing the sidewalks.

12:40 – 12:45 Closing Remarks, Questions, Comments, Lunch

RSVP MUGG Contact: pwalker@westalliswi.gov



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