



2019 Midwest Esri Utility User Group Conference



March 27th thru the 29th at the Cranberry Country Lodge Tomah WI
 Hosted by Oakdale Electric Cooperative and Jackson Electric Cooperative



Track 1	GIS Beginners Classes
Track 2	GIS Intermediate & Advanced Classes
	Sponsor Presentations

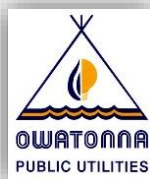
Wednesday, March 27, 2019

Registration	
11:30 am - 4:30 pm	
12:30 pm - 5:00 pm	Sponsor Presentations -
12:30 pm - 1:05 pm	mPower Innovations Booth Sponsor - Greg Calcari
1:05 pm - 1:40 pm	Seiler Instruments Booth Sponsor - Gale Shea
1:40 pm - 2:15 pm	Power System Engineering, Inc. Booth Sponsor - Logan Suhr
2:15 pm - 2:30 pm	Afternoon Break
2:30 pm - 3:05 pm	Clevest Booth Sponsor - Brad Johnson
3:05 pm - 3:40 pm	WSB Engineering Booth Sponsor - Justin Hansen
3:40 pm - 4:15 pm	Open
4:15 pm - 4:50 pm	Open
5:00 pm - 8:00 pm	Vendor Hall Evening Social Meet & Greet

Exhibits Open



Real People. Real Solutions.



Reserve your room at the Cranberry Country Lodge, Tomah. Book before February 15th for discount
 319 Wittig Road, Tomah, WI 54660
 Phone: (608) 374-2801 Website: <http://cranberrycountrylodge.com/>

Thursday, March 28, 2019

7:30am - 4:00 pm			
7:30 am - 8:00 am	Continental Breakfast		
8:00 am - 8:05 am	Welcome - General Assembly		
8:05 am - 9:00 am	Exhibits Open at Breaks	Plenary Session - Tell us what you are doing (General Assembly)	
9:00 am - 10:00 am		Keynote Speaker - Adam Carnow, Esri - The Underutilization of GIS & How to Cure It (General Assembly)	
10:00 am - 10:15 am		Morning Break	
10:15 am - 12:00pm		Esri - What's New...Named Users, Apps, UN????? (General Assembly)	
12:00 pm - 1:00 pm		Lunch Break	
1:00 pm - 2:00 pm		Data Driven Decisions Ryan Elvrum & Todd Copeland - MPS	Web App Builder Pete Metzger - Minnkota Power Cooperative
2:00 pm - 3:00 pm		Related Tables in Collector Mike Siedschlag - GRE	Explore new life by building an ESRI Enterprise Kate Scheurer - Owatonna Public Utilities
3:00 pm - 3:15 pm	Afternoon Break		
3:15 pm - 4:15 pm	Tightening the shoestrings getting ready for ArcGIS Online Robert Borchert - GRE	Task Tracking with Mobile and Dashboard Applications Denny Hoskins - DairyLand Power	
4:15 pm - 5:15 pm	Explorer for ArcGIS Offline Capability Jay Forstner - RPU		
6:00 pm - 10:00 pm	Group Dinner and Social @ the Ground Round Heartland Room 201 Helen Walton Drive, Suite 1, in Tomah, WI 54660		

Friday, March 29, 2019

7:30 am - 8:00 am	Continental Breakfast	
8:00 am - 9:00 am	MWEUUG Business Meeting / Q & A Session	
9:00 am - 9:15 am	Morning Break	
9:15 am - 11:45 pm	Elk River's Enterprise: The Turning Point Angela Hauge - Elk River Municipal Utilities Data Sharing Best Practices, REST Service Sharing Panel discussion New Collector App Esri Conversion to ArcGIS Pro from AutoCAD Steve Hanson - Detroit Lakes Public Utilities	
11:45 pm	Adjourn	

Vendor Presentations – Wednesday March 27

mPower Innovations

Seiler Instruments

Power System Engineering, Inc.

Clevest

WSB Engineering

General Session Presentations – Thursday March 28

Plenary

Jeff Grussing, Chad Schauf

In this group discussion we will focus on you and how you are or plan to use GIS, discuss challenges you face and what you're Utilities future GIS plans are. How are you using GIS currently? What challenges are you encountering? What projects are you working on? What do you want to implement but need assistance with? What is your GIS plan or initiatives for next year, five years and ten years?

Beginner Breakout Sessions

Data Driven Decisions

Ryan Elvrum & Todd Copeland - MPS

Moorhead Public Service (MPS) continues advancement of MPS GIS by providing authoritative data to assist in making data driven decisions across the organization. While GIS has been used for several years at MPS, the primary focus has been on data cleanup and data entry. As we transition to a GIS-centric asset management, MPS staff will be able to evaluate projects not just based on experience, but rather on data and other business processes. GIS is much more than making maps, it has the power to help users make informed decisions, increase efficiencies and productivity, and ultimately providing vital business intelligence that enhances the entire organization.

Related Tables in Collector

Mike Siedschlag - GRE

A related table is a second table that sits alongside your original data table. Records that are created in this second table are associated to the original table through a common field, or key field. Collector supports related tables through relationship classes built between features, between tables and between features and tables. This can be a powerful tool to help you view and update information in the field. In this presentation we will review the different types of relationships that are supported and go through the steps to prepare your data and ArcGIS Online maps to utilize related tables in Collector. Additionally, we will go through examples that you may use within your organization to get started using related tables in Collector.

Tightening the shoestrings getting ready for ArcGIS Online

Robert Borchert - GRE

Most ArcMap Electric GIS systems started off as something else and were converted to ArcGIS. Paper map books were still a high priority for getting the system out to the field. Systems had to be drawn so that details were visible on a paper or pdf map page. Today ArcGIS online and Carry Map are becoming a medium of choice. You quickly see that what looks good on paper does not necessarily translate to an online map. Meaning your primary conductor that was nestled up to the road is now 500 feet out in the middle of a corn field. This presentation will explore some of the methodology I used to prepare a distribution GIS from paper to online. I found the process was very similar to tightening your shoestrings and pulling everything closer together. The process increased positional accuracy and a more accurate estimation of miles of conductor.

Intermediate and Advanced Breakout Sessions

Web App Builder

Pete Metzger - Minnkota Power Cooperative

Explore new life by building an ESRI Enterprise

Kate Scheurer - Owatonna Public Utilities

Come see what combining Amazon Web Services and ESRI Enterprise can do. I'll walk you through our current Amazon Web Services structure and how we deployed ESRI Enterprise. Highlighting pros and cons of our new structure and the process getting there. Also I will touch on how we plan on taking advantage of our new capabilities for Utility Network and company engagement.

I will be going over set up and key terms within AWS. AWS has provided our own GIS infrastructure outside of our company making it available for GIS staff to control upgrades to servers and SQL directly. We can also work remotely easier than before and direct database access has been reduced significantly making our system more secure. This also has increased our services and use of ESRI enterprise with a federated server. I will go over how we have this setup along with Portal and the capabilities we get with that. I will also talk about how this sets us up for Utility network and using Pro and the difference in database structures. I believe this will be useful for others by understanding what decisions we had to make and where the limitations are for taking this path.

Task Tracking with Mobile and Dashboard Applications

Denny Hoskins - DairyLand Power

Explorer for ArcGIS Offline Capability

Jay Forstner - RPU

General Session Presentations Friday March 29

Business Meeting

MWEUUG Committee

We look to the users to provide direction for next year's conference. What should we change or better improve upon? What are your likes and dislikes about the conference. What topics do you want to hear presented on? We will also show you the ArcGIS Ideas page and how we can be an influence on the direction of Esri's development team. Announce next year's venue and host utility.

Utility Presentations

Data Sharing Best Practices, REST Service Sharing
Panel discussion

New Collector App
Esri

Conversion to ArcGIS Pro from AutoCAD
Steve Hanson - Detroit Lakes Public Utilities

Over the past several years, the City of Detroit Lakes has been planning to convert to ESRI for our GIS System. Steve will be going over the steps it took to convert his drawing, as well as the work he has been doing to make sure his AutoCAD drawing was ready for the conversion.

Conference Surveys

We are trying a new approach for the conference surveys this year using Survey123.
Use this link <https://arcg.is/1WfCfn> or the QR Code Below to access the survey.

