

2021

Midwest Esri Utility User Group Conference

March 23rd - 24th Virtual Event



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GS	General Session
	GIS Classes

Tuesday, March 23, 2021

8:45 am - 9:00 am	Welcome - General Assembly
9:00 am - 11:00 am	ESRI Update - Keith Krall
11:00 am - 11:15 am	Morning Break
11:15 am - 12:00pm	Installation and Configuration of Portal - Mike Siedschlag (Great River Energy)
12:00 pm - 1:00 pm	Lunch Break
1:00 pm - 1:45pm	Portal Administration - Angela Hauge (Elk River Municipal Utilities)
2:00 pm - 2:45 pm	Operations Dashboard: Creating a simple dashboard - Jay Forstner (Rochester Public Utilities)
3:00 pm - 3:45pm	Operations Dashboard Showcase: Great River Energy, Minnkota Power, Moorhead Public Service, Rochester Public Utilities
4:00 pm - 4:45pm	Learn how to automate cloud-based data updates using Python - Hillary Bjorstrom (STAR Energy)

Wednesday, March 24, 2021

8:00 am - 8:05 am	Welcome - General Assembly
8:05 am - 9:00 am	MWEUUG Business Meeting / Q & A Session
9:00 am - 10:00 am	Pole Change-Out Process Simplified with Esri - Stella Harm (Riverland Energy)
10:00 am - 10:15 am	Morning Break
10:15 am - 11:00pm	ArcGIS Field Maps - Ryan Elvrum / Todd Copeland (Moorhead Public Service)
11:00 am - 12:00 pm	Workforce for ArcGIS - Victor Zafke (City of Bloomington)
12:00 pm - 1:00 pm	Lunch Break
1:00 pm - 1:45pm	Drone Capture and Portal Integration - Jeff Grussing (Great River Energy)
2:00 pm - 2:45 pm	Utility Presentation: Hosting Data in ArcGIS Online - Steve Waver (Arrowhead Electric Cooperative)
3:00 pm - 3:45pm	Utility Presentation: Conversion to ArcGIS Pro from AutoCAD - Steve Hanson (Detroit Public Utilities)
4:00 pm - 4:45pm	Office 365 Integration with Esri Apps - Jeff Grussing (Great River Energy)



General Session Presentations – Tuesday March 23

Implementing an ArcGIS Upgrade along with Portal - Best Practices, Tips & Tricks

Mike Siedschlag - Great River Energy

This presentation will detail the process from design, implementation, tips and tricks, and lessons learned on bringing these systems on to a production system. Topics to be covered are new software installs, resource needs, ArcGIS server requirements, database upgrades, migration of data, relocation of processes and services, licensing needs, internal WebGIS modifications, and mobile application considerations.

Portal Administration

Angela Hauge - Elk River Municipal Utilities

From creating users, managing groups & allowing permissions to end-users, ESRI's Portal administration tasks are important to understand for effective workflows and projects. The configuration of maps for Portal, Collector, and other apps can have optimal settings to enhance user interaction. This presentation will touch on many of the basics of Portal and how to navigate through mapping for different scenarios.

Operations Dashboard: Creating a Simple Dashboard

Jay Forstner - Rochester Public Utilities

Operations Dashboard Showcase

Great River Energy, Minnkota Power, Moorhead Public Service, Rochester Public Utilities

Learn how to automate cloud-based data updates using Python

Hillary Bjorstrom - STAR Energy

Hillary Bjorstrom is a GIS Systems Developer for STAR Energy Services (STAR) in Alexandria, Minnesota. She has been with STAR since 2007. Hillary has also earned esri Enterprise Administration and Desktop Associate certifications. She helps clients install, maintain, and integrate GIS focused software.

General Session Presentations – Wednesday March 24

Plenary / 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.

Pole Change-Out Process Simplified with Esri

Stella Harm - Riverland Energy

How do you stay organized and efficient when you have multiple crews on your system all changing out poles at the same time? With Esri's Collector, Survey123, and Dashboard we can now watch the process in live mode. Both the crews and the office can be informed and in unison.

Stella Harm is the Engineering Representative/Mapping Specialist at Riverland Energy Cooperative in Arcadia, WI. She has helped Riverland become entirely paperless with the help of Survey123. She also implemented the use of Esri's Collector for line patrol and pole change-outs. Riverland finished their mass meter exchanges this year which was completed with the help of Esri's Collector as well.

ArcGIS Field Maps

Ryan Elvrum, Todd Copeland - Moorhead Public Service

We'll provide a brief overview of the ArcGIS Field Maps application, review new and improved enhancements to data collection, and functionality. We'll also cover MPS' application testing and implementation plans, our use of the application to enhance data collection and editing efforts through the use of Smart Forms, offline map viewing, and future enhancement releases.

Workforce for ArcGIS
Victor Zafke - City of Bloomington

Drone Capture and Portal Integration - Jeff Grussing (GRE)
Jeff Grussing - Great River Energy

Come learn some Ideas on how to capture data real-time using an unmanned aircraft (Drone) using esri technology.

Utility Presentations

GIS at Arrowhead: Hosting data in ArcGIS Online
Steve Waver - Arrowhead Electric Cooperative

Low cost way for small utilities to get into GIS using ArcGIS online and hosting your data in the cloud. See how Arrowhead Electric Cooperative is using AGOL to help collect and disseminate their GIS data for office and field operations.

Conversion to ArcGIS Pro from AutoCAD...Year THREE are we done yet!?
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.

Survey 123, Office 365, and SharePoint for encroachment applications
Jeff Grussing - Great River Energy

Learn how esri technology can be integrated into Microsoft Share Point and other 0365 applications.

Conference Surveys

Use this link <https://arcg.is/1WfCfn> or the QR Code Below to access the conference surveys.

