Northern Area GIS User Group Meeting

Monday, May 8, 2017
Northern Great Lakes Visitor Center
Multipurpose Room
29270 County Highway G, Ashland, WI

Agenda

9:00 – 9:30: Registration

9:30 – 10:45: **Introductions and Roundtable Discussion – What are your Past, Current, and Future Projects?**
Come hear about what others are doing in our area, and share information on your projects.

10:45 – 11:15: **Bad River GIS Natural Resources Projects and Plans:** Suzi Smith, GIS & Mapping Specialist, Bad River Natural Resource Department
Suzi Smith is relatively new to the northern area GIS user group. She has worked for the Tribe for two years, and will introduce herself and her office to the local GIS community. Recent and upcoming projects, including the topics of Tribal land tenure and right-of-way easements, will be discussed in the context of her work within the Natural Resources Department.

11:15 – 11:30: **Break/Networking**

11:30 – 12:00: **Offline Apps:** Bayfield County Land Records Staff
The staff at the Bayfield County Land Records Department will give a quick overview of a couple offline mapping applications which they use: Avenza Maps and Google Offline Maps. Let us know what you use!

12:00 – 1:00: **Lunch (provided)**

1:00 – 2:00: **Flood Event Panel Discussion**
Panel discussion with local entities about the July 2016 flood event. Is there anything that we can do differently for the future?

2:00 – 3:00: **GIS is Dead - Long Live Location Intelligence:** Paul Wickman, GIS Technology Manager, Respec
From ~2014-2016 GIS in the Cloud consisted primarily of relative simple web mapping tools or desktop GIS applications in the web browser. Early versions of ArcGIS Online had relative simple maps with limited ability to explore data beyond basic "Search and Identify" tools. Conversely, platforms like GIS Cloud took the traditional desktop GIS application and made it available it in the browser. While this does offer more ways to explore the data it still assumes to be used like "regular GIS"; excluding the broader audience from quickly derive value from spatial data. More dynamic applications have since emerged offering rapid exploration of data in both spatial and non-spatial ways. CARTO (formerly CartoDB) has evolved into an exploration and application development platform, allowing for the discovery and prediction of key insights from location data. Paul will provide an overview of the CARTO Builder platform and will then demonstrate two cases where it has been applied.

3:00 – 3:15: Break/Networking

3:15 – 3:40 Caching Map Services using the Amazon Cloud: Jesse Adams, Principal GIS Developer, North Point Geographic Solutions

Have you ever experienced your server coming to a crawl when trying to build tiles for your basemaps or imagery? There is a reasonable alternative to building tiles on your own server. Utilize the server resources available in the cloud! This quick overview will run through how to setup an Amazon server that can be used to rapidly generate tiles in the cloud without bogging down your on-premise server or breaking the bank.

3:40 – 4:00: What's New With ArcGIS Enterprise?: Jesse Adams, Principal GIS Developer, North Point Geographic Solutions

You may have heard of ArcGIS Enterprise but what exactly is ArcGIS Enterprise? This presentation will present a general overview of the parts within ArcGIS Enterprise and how it's packaged and deployed. We'll also run through a demo of setting up ArcGIS Enterprise in the Amazon Cloud using automated deployment methods with Chef.

4:00 – 4:15: Wrap-up