GIS Users Meeting February 1st, 2018 Minutes

Welcome by Everett Root, Office of Technology Partnerships, Center for Shared Solutions. Everett shared an announcement that starting in 2018 the GIS Users Meeting Schedule will change to quarterly. Meetings will be held in Feb, May, August and November, and will still be on the first Thursday of the month.

Federal

USDA/FSA – Sarah AcMoody – USDA will fly NAIP Imagery in 2018 with 60-centimeter resolution. It is a standalone contract. It will be leaf on flown in June, July and August. The 2019 and going forward NAIP Imagery contract is being restructured. There will be a 20% budget cut for the Imagery program, and for the Farm Service Agency. Changes that are being discussed are, flying on a 3 to 5 year cycle or going to a Licensed Data Model which would restrict usage and imagery would not be publicly available. If you have any feedback on this issue, please let Sarah know.

USGS – Charley Hickman – More counties of LiDAR are available on the USGS site: Baraga, Cass, Genesee, Kalamazoo and Marquette. Muskegon County is almost ready. Another Requirements and Benefits study is being done, 3D Nations study. There will be participants from Michigan and NOAA, it is an extension of the prior study.

State

MDOT Survey Support – Stephanie Bailey– Working on Section Corner inventory

DHHS – Stuart Eddy– Dealing with Compound issues around Airforce Bases and National Guard Instillations. Building up GIS and getting 10.5 up and running.

CSS – Mark Holmes – Working with the Census Bureau on School District Boundary changes, a couple of dozen changes have been made and sent in to the Bureau. Also working on Redistricting with the Bureau of Elections. Doing

Voter tabulation districts for Redistricting. Will be hiring another Analyst. The position will be posted in the next month or so.

CSS – Ulrika Zay – Celebrating her one-year anniversary with CSS.

CSS – Everett Root – Planning 2018 Imagery flights in the western Upper Peninsula, and in the North East part of the Lower Peninsula. It will be 12 inch imagery. Working on the GIS Data for Imagery Program. Made several presentations around the State. Won a USGS Grant for Charlevoix LiDAR. The pricing for LiDAR is excellent.

MDOT Survey Support– Lisa Martin – Updating Section Corner Inventory. Section Corner public facing web application is going to be updated. Working on the Coors Website thru MSRN. Working with DTMB on security issues for the website. Also, working on the Transportation Asset Management System(TAMS) doing culvert collection.

DEQ – John Esch – Gearing up for PFOSS response. Use of LiDAR is increasing within the department.

DNR – Paige Gebhardt – Sent out a DNR GIS Survey to over 1,000 DNR employees. Got 444 responses. Will be having a strategy session to discuss survey responses. Working on a project to collect survey corners throughout the State.

DNR – Nick Swartz – Working on Forest Inventory Program. Crunching Survey data to figure out how to best serve the DNR customers.

Associations

IMAGIN – Jon Merrick - Upcoming conference June 17th-19th at the new Park Place Hotel Conference Center, in Traverse City. IMAGIN Meet-ups, 6 places around the State. Check the IMAGIN website for details.

MiCAMP – Brent Thelen - Next conference will be held September 19th to September 21st. Easier Registration process for the Conference in the Fall. More presentation tracks this year.

GRACE Project – 3rd year of the grant cycle for 11th and 12th grade interns. Using the leftover money from the grant to offset the cost of the interns. GRACE information will be on the MiCAMP blast. This will be the last summer for GRACE in Michigan. Story Map competition for high school students, winner gets a paid trip to the ESRI Conference. There is a need for mapping

professionals to review the story map projects submissions. Contact GRACE or email Trevor Floyd for details.

Regional

Ann Burns – SEMCOG – GIS User Group Meeting on March 8th.   SEMCOG University has training of all types. Starting May 1st GIS Pro. ESRI doing a health check on the entire ESRI GIS infrastructure at SEMCOG. 2018 is SEMCOG'S 50th Anniversary. The Detroit Historical Museum will have a display celebrating SEMCOG'S 50th Anniversary until April 8th, and it is free.

Rawan Alhabbal – CUPPAD – Alger County Parcels are done. Working on Delta County Parcels and 911 Data.

Local

Andy Skelton – City of Lansing – Working on Asset Management and the output for the State Trunkline Report. Hired a new administrator for the system. Working with the Neighborhood Planning Department supporting the Tax Parcel Viewer. Set up and Image Viewer to access all the latest imagery.

Sam Quon – City of Lansing –Phase 3 of the Asset Management project is completed. Local update of CENSUS addressing for LUCA. Integrating GIS with the document management system. Doing an ABL pilot for public service Fleet vehicle project using ESRI Geo Event Server and building out easements.

Trevor Floyd – St. Clair County – Helping Local Assessors with March Board of Reviews. ESRI Operations Dashboard Demo's will be able to utilize. Put out Drug Bust Map on ArcGIS online. Windows updates for ArcGIS Pro, don't apply windows 7 updates if you are using Pro, it will cause Pro to fail to load. There is a patch to fix the problem.

Tuoyo Scott – St. Clair County – Installed 10.6. Looks a lot like 10.5 and instillation went well.

Scott Ambs – Jackson County – Participating in LUCA Census program. Prepping for Local Assessors March Board of Reviews. Test server is up and

10.5 is being loaded. Reconfiguring existing websites and building new web applications.

Scott Holland – City of Williamston – Finished up mapping out the water system for Asset Management.

John Merrick – Eaton County – Integrating Ingham, Jackson, Calhoun, Ionia and Barry Counties data into Computer Aided Dispatch (CAD) for fire and EMS. Doing crime mapping, able to do clustering with ArcGIS online. Problem is that the data coming in, is showing when the crime is reported, not when the crime occurred.

Shane Pavlak – Ottawa County – Performance issues with the parcel fabric in 10.5. Loaded 10.6 and the parcel fabric works better in 10.6. Doing web application building for Public Health and Elections. Parcel Drafter application rolled out for the Register of Deeds. Info Geographics hired to do a Technology and Fee study.

Brent Thelen – Calhoun County – Finally moved from Equalization to Community Development and have a new Technician, Chelsea Robinson. Using Geo Event to Snow Plow Track. Having issues with getting ESRI'S Geo Event to talk to the servers and working with ESRI to get them resolved. Working on LUCA. Have a new Road Map for the Calhoun County Road Department.

Chelsea Robinson – Calhoun County – Working on addressing for LUCA. Working on online maps.

Kimberly Wolosiewicz – Macomb County – Creating Web Applications and receiving more requests for Web Applications from Economic Development. Will be making a presentation at the SEMCOG GIS Meeting on March 8th.

Andrew Michalowski – City of Battle Creek – Expanding GIS with City Works and getting it out into the field. Working on an Enterprise Agreement with ESRI. Working with OHM Advisors to do Asset Management. Working with the Airport using City Works to create a GIS mapping runways and other assets. Upgraded server to 10.5 and added secure services so more story maps can be hosted.

Other

Mike Cousins – OHM Advisors – Working on SAW Grants, doing Augmented Reality. Will be doing a presentation on Augmented Reality at the SEMCOG GIS Meeting. Also doing Asset Management for SEMCOG.

Austin Dozema – OHM Advisors – Finished up Water Asset Management Plans in December. Continuing to work on SAW Grants. Just received GISP Certification.

Ed Dempsey – Prein & Newhof – Doing Asset Management Plans and SAW Grants.

Becky Norris – Cardno – Doing Environmental Screening and just upgraded to 10.4.

Nick Weil – MSU RS&GIS – Scheduled Trainings: Intro to ArcGIS, ArcGIS Beyond the Basics, Basics of LiDAR, 2-day class at LCC West. Drone Training Classes 1 and 2. 2 Different Drone to GIS Classes and a Drone to GIS Workshop. Drone classes specifically for MDOT.

Claire Peterson – MSU/MISN – No Early Detection and Response reported at this time.

Chad Collins – InfoGeographics – Looking for GIS Application Developers in Traverse City. Working on Parcel Fabric projects. Doing Electric and Utilities projects. Working on building Portal web applications. Using GeoCortex. Workflow 5 and working with ArcGIS Online doing Mobil Application. Branching out into Ontario, Niagara Region with GeoCortex. Expanding footprint with GM working on Proving Grounds. Solutions partner with FME. Doing a meeting at Kellogg Center in East Lansing.

Casey Wilson – MSU Library –QGIS Workshop, Story maps and 3 D Model Classes, LiDAR Basics. Opening a new Digital Scholarship Lab.

Morning Special Topic

City of Hastings Riverside Cemetery

Presented by: Ed Dempsey, Prein & Newhof

Several years ago, the City of Hastings established a cemetery millage for the upkeep, maintenance and improvement of Riverside Cemetery.   A portion of the millage was intended for the modernization and publishing of the City's 16,000 burial records. I will discuss the entire process from the conversion of Excel documents and paper to a new BS&A database, the creation of grave features, and the publishing of data to ArcGIS Online.

Michigan Geographic Framework Technology Update

Presented by: Mark Holmes, Center for Shared Solutions
Mark will provide an update on the latest activities regarding the MGF upgrade.

Afternoon Educational Topic

What's New with ArcGIS and ArcGIS for Local Government Solutions

Esri Tech Announcements and Insights for ArcGIS – Dan Haag, Esri
Brief overview of the latest ArcGIS technical updates followed by an overview of Insights for ArcGIS - Insights for ArcGIS is a web-based, data analytics workbench where you can explore spatial and nonspatial data, answer questions you didn't know to ask, and quickly deliver powerful results.

Esri Open Data – Sarah Schrader, Esri
Overview of how local governments are leveraging ArcGIS Open Data to support their organization's open government strategy (not just for GIS data download). Presentation will include considerations and user examples.

What's Coming in the ArcGIS for Local Government Solution – Scott Oppman and Chris Fox, Esri We'll review the December 2017 and January 2018 releases, give you a sneak peek of what we're working on this winter, and highlight plans for the ArcGIS for Local Government solution in the first half of 2018.