

GIS Users Meeting May 3rd, 2018 Minutes

Welcome by Everett Root, Office of Technology Partnerships, Center for Shared Solutions.

Federal

USGS – Charley Hickman – 11 More counties of LiDAR are available on the USGS site: Delta, Mackinac, Clare, Lapeer, Mecosta, Montcalm, Osceola, Newaygo, Roscommon, St. Joseph and Shiawassee. Funding for Charlevoix County is now available. FEMA is funding Presque Isle County and USFS has confirmed there is funding to do the Hiawatha/Ottawa National Forest area in the UP. 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. NRCS has funded 30 Counties of LiDAR in Michigan.

State

CSS – Tony Olkowski – The Geographic Data Library was finally unplugged. Getting lots of calls on that and directing people to the Open Data Portal. Putting together a collector application for offices for Treasury Businesses. Took on the role in the Michigan States Names Authority.

CSS – Ulrika Zay –Working with Mark Holmes to send out Hydrography Survey.

CSS – Everett Root –Working on the GIS Data for Imagery Program, meeting with the Regions this summer to present the program. Lots of Counties are signing up. NRCS funded LiDAR has been completed for 6 Counties. City of Detroit 6 inch true ortho imagery is complete. 3 Counties done in the Northern Lower. Working on partnerships for 2019/2020.

MDOT Survey Support– Lisa Martin –Six Counties of Culvert collection has been completed. There are 30 Counties to be done. Doing scanning at Sanilac Petroglyphs Site. Also, a new Datum is coming.

DEQ – John Esch –Just got Windows 10.

MLB-FTA – Ryan McNeil –Checking properties in inventory. Checking records in the database. Selling properties, and researching information on data for unknown properties. Have a new director that is making a big difference for the department.

MLB-FTA – Brian Woodin – The Land Bank is the lead agency for disposing of State surplus properties.

DNR Fisheries– Danielle Forsyth Killjanczyk –Doing data management and clean up for the Open Data Portal. Also doing Inland Trout Regulations update.

Associations

IMAGIN – 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 – Trevor Floyd - Next conference will be held September 19th to September 21st. The board will be solidifying the agenda next week. Rebuilding the membership databases and the website has been redone.

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. Teachers will be offered free GIS Training, 1 class at Ferris State University, and 1 class at Michigan Tech. Contact GRACE or email Trevor Floyd for details.

Regional

Ann Burns – SEMCOG –Doing more interactive maps, also PASER and Crash Maps. Have a new Park finder application that is available in the Apple Store Online. SEMCOG GIS Users Group Meeting is June 14th. Adam Carnow, A GIS Community Evangelist from ESRI will speak.

Joan Gibson – WMRPC –Gearing up for PASER and doing a Master Plan.

Laura Tschirhart – TCRPC – Doing more Transportation Planning. Also doing PASER for Ingham and Eaton Counties. New nonmotorized plan being put into place. Doing CRASH analysis for Eaton, Ingham and Clinton Counties.

Local

Andy Skelton – City of Lansing –Using a Total Station to acquire GPS of Cemetery sites. Working to go from paper to digital format.

Eric Essenburg– City of Lansing –Just got a new GIS job with Lightspeed in East Lansing. Graduated out of LCC’s GIS Program. Using Survey 123 wayfinding to identify signs on the River Trail. Doing parcel updates. Putting easements and documentation into GIS. Police Departments 125th Year of Service presentation at the Lansing Center this weekend.

Trevor Floyd – St. Clair County – Helping Local Assessors with March Board of Review and parcels. Working on server 10.6. Putting together an app for the Health Department to download Opiate data from the State. Starting to look at framework updates.

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

Nathan Fazer – Midland County – Working on Mosquito Control using Arc GIS Online(AGO) and iPad in the field. Moving most applications to AGO. Have a new section on the webpage for Tax Foreclosure Auctions. Using Survey 123 to map drains. Doing Budget planning and Infrastructure upgrades. Midland Regional GIS Meeting is Monday May 7th.

Shane Pavlac - Ottawa County – Doing LUCA Census program updates. Pictometry Imagery has been completed. LiDAR was successfully flown. An intern is scanning the imagery to put up on the server.

Emily Renkema – Ottawa County – Doing application development. Updating applications that use Silverlight, Environmental Health Department, Sheriff Department and the Water Resources Department permitting.

Scott Stopyak – Eaton County – Working with Equalization to update parcel codes. Working with Trimble GPS. During flooding got a map out in 1 hour so people could update their maps in real time in AGO. Litigating disaster planning.

Other

Mike Cousins – OHM Advisors – Working on SAW Grants and Water Asset Management in Ohio. Testing GPS equipment. Working on TAMS projects. Doing Augmented Reality applications and High-Resolution Videos. If you want to be on the list server for the OH-MI GIS meetings let Mike know.

Ryan Schaner– Gerald R. Ford International Airport –Using AGO to build an Air Space Application. Switching from Auto CAD to Arc GIS.

John Nelson – ESRI – MUC offering an online Cartography course for ESRI. It will be available in the future on a quarterly basis and it comes with a full license for GIS Pro, and you are allowed 2 weeks to complete the course after you sign up. Working with the Living Atlas team and doing cascade story maps.

Dennis Piper – LCC –The self-review process is complete. Implementing Action Plans for merging GIS with Computer Information and Technology Program, as a sub program. This merger will help with the budget. GIS Advisory meeting is in the morning and breakfast is provided. College enrollment is currently down and there is a problem getting enough students.

Claire Peterson – MSU/MISN – Gearing up for field season. Working on a project for fruit trees and the marmalated stink bugs. Looking for local county and township park GIS data for Arenac, Huron, Sanilac and Tuscola Counties. Everett will mention it to the Midland GIS User Group at the May 7th Meeting.

Oscar Castaneda – MSU/MISN – Problems with the license system at MSU for accessing the portal.

Julie Fera – Prein & Newhof – Working on SAW Grants and Hydraulic modeling in GIS.

Kasey Wilson – MSU Library –Finals week at MSU. There is a new Director at the MSU Library. Engler is having all IT units report to a Central IT. QGIS Workshop June 11th to 15th. There are now digital copies of antique maps at the Library. Also, there is a WWI exhibit now. New LSAT available at www.betaopenlief.org

Peipei Lin – Spicer Group – Using Arc GIS Pro and ArcMap for projects for multiple maps and layouts. Using python scripts to automate map layouts. Multiple people can now edit the same maps.

Brian Lyddy – Youngsoft – Working in Project Development. Learning more about GIS and people in the field. Doing talent scouting for companies.

Morning Special Topic

Ottawa County Interactive Mapping – FEMA Flood Zone and Incident Response Applications

Presented by: Shane Pavlak & Emily Renkema

The FEMA Flood Zone application was created to help Ottawa County residents determine where properties overlap with federal flood data (available via FEMA). Data is refreshed nightly with the latest assessed values from BS&A. The application was built using Web AppBuilder.

The Ottawa County Sheriff Incident Response application is an update to an old Silverlight application using Web AppBuilder. It provides locations and response type information, along with several ways to query and interact with the data.

Afternoon Educational Topics

NOAA – Great Lakes Environmental Research Laboratory (GLERL)

Located in Ann Arbor, NOAA-GLERL and its partners conduct innovative research on the dynamic environments and ecosystems of the Great Lakes and coastal regions to provide information for resource use and management decisions that lead to safe and sustainable ecosystems, ecosystem services, and human communities. Lacey Mason and Ed Rutherford will talk about NOAA-GLERL in general and then more specifically about geospatial projects currently underway.

Michigan's Coastal Management Program

Matt Warner, MDNR, will provide an overview of Michigan's Coastal Management Program and connections to NOAA's Office for Coastal Management. He will highlight some current and recent projects that touch on or utilize GIS & remote sensing as well as resources from NOAA-OCM including: Digital Coast, Lake Level Viewer, Topo-bathy LiDAR and C-CAP land cover.

Michigan Open Data Portal and the final demise of the MiGDL

Now that the MiGDL (Michigan Geographic Data Library) is gone, the State of Michigan, GIS Open Data Portal is your source to find and download Michigan GIS data. Tony Olkowski and Everett Root will give a brief overview and demo of recent updates to the portal.