

GIS Users Meeting April 2016 Minutes

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

Federal

USGS – Charley Hickman – Beginning to plan for next year’s LiDAR Program, hoping to improve the program so it runs smoother.

USDA- FSA – Sarah AcMoody – 2016 NAIP Imagery will be flown this year 1 Meter starting in June. There is a NAIP Imagery viewer available online, google NAIP Viewer. There is now a Geospatial Services Gateway available on the web site, <http://www.fsa.usda.gov> .

State

CSS – Everett Root – MiSAIL Update, 2 new contracts are in place, AXIS GeoSpatial for imagery and Sanborn for LiDAR. Imagery, 15,000 Sq. Miles, 16 Counties, LiDAR, 6,000 Sq. Miles, 10 Counties, in partnership with FEMA and DEQ. Last year 13 Counties of LiDAR were flown, and 12 Counties are complete and will be in the Public Domain. NRCS is interested in acquiring LiDAR in Michigan.

CSS – Josh Ross – Framework Version 16 is coming out on the GIS Open Data Portal soon. Custom deliveries to locals are coming in the next few weeks. Public facing applications that reference framework will be updated as well. Will not be updating the GDL the updated data will be on the GIS Open Data Portal. There will no longer be data by county, only statewide. Still deciding what to do with the other data sets on the GDL. Precincts, wards and judicial boundaries and QVF point addresses have been incorporated into the Framework. Problems with numbers showing up as negatives is being resolved. Open up Version 17 for editing soon.

Local

Sandon Letteri – Livingston County – Doing parcel editing and Land Value maps. Created an ArcGIS online application for voter precincts showing polling

locations for the primary election in Livingston County. Doing AMAR Maps, half the maps passed and half didn't depending on if the assessor could explain the map.

Sam Quon – City of Lansing – Focus on asset management. Staff working on projects to support and update precinct maps. Presented at Tri-Con, on updating two 911 centers and updating the data from street centerline files. Also updating applications.

Emily Renkema – City of Lansing – Intern and LCC student. Public Service Department is working on sewer updates and also updating the city's parcel viewer.

Jennifer Quinlivan – City of Lansing – Intern and LCC student, doing tree inventory.

Pete Schneider – Ottawa County – Primary election data is being updated. They are doing a county wide fiber optic system update. Community parcels are being shared with the State. Working on Verizon MI-FI locations. Property sale mapping and topology edits on parcels.

Jon Merrick – Eaton County – ESRI LGIM – containers not populated, non-standard fields are not supported in the local government informational model. Working on student safety zones viewing application. Schools are now responding and providing data. Maintaining building footprints.

Scott Stopyak – Eaton County – Adopted ESRI LGIM local government information model. Offering more web maps online. More mobile applications are being deployed. Use of drones for data collection for property assessments. May use for drain projects as well. Expanding collector work flows. Trying to clean up parcels by establishing good ground control.

Tom Van Bruggen – Muskegon County – Parcel edits, converting information into parcel fabric. AMAR mapping, project got approval from the State. Community Parcel Pilot, working with ESRI for a template for AMAR mapping. Updating Web Applications. Have 8 of 10 complete. Getting data for SAW Grants. Working with Muskegon County Genealogical Society for Cemetery Mapping.

Andrew Giguere – Leelanau County – Working on Tax Parcel Maps that will pass AMAR, doing parcel updates.

Others

Alex Masters – Muxlow Surveying – GIS Work on an Army Corps of Engineering Project in Indiana.

Ryan Bertram – Data Point GIS – Looking for projects. Does data gathering and mapping services.

Kasey Wilson – MSU Library – Working on Big 10 Universities GeoPortal. Also making collections visible and searchable online.

Representative from Consumers Energy – Conflating current Land Base and gas distribution data to a real world Model using NAIP Imagery 1 meter, being done by third party vendor. Working on road centerlines to get everything to line up.

Whitney Lambert – Cornerstone University – Poster submission for the contest on the North Country Trail Map. Can download map to phones.

Jeff Gardner – Grand Valley State University – Poster submission for the contest on Wildfire Risk Assessment in Western Montana.

Associations

IMAGIN – Tom Van Bruggen – Student Poster and Paper Competition. Thanks to all those who entered. The 25th annual IMAGIN Conference will be May 15th-17th, Great Wolf Lodge, Traverse City, Michigan. Keynote speaker will be Craig Rich, speaking on Shipwreck of the Sunset Coast and Celebrating 25 Years of IMAGIN. There will be over 27 Track Presentations on Monday and Tuesday, as well as a special class following the Conference from ESRI on Wednesday and Thursday, as well as an ESRI Learning Lab during the Conference. Special social activities of a bus beer or wine tours will take place on Sunday. There are special rates for Students to attend the Conference.

Morning Special Topic

Posters for the IMAGIN Poster and Paper Competition

Two categories for posters: Cartographic and Analytical, there will be a winner in each category. Posters were as follows:

Anthony Cole Vickers – GVSU – Desertification of Sudan During El Nino Years Assessed Using Remote Sensing.

Emily Macqueen – Aquinas College – All Mapped Out: Land Use/Land Cover of Aquinas College.

Chris Stoskopf – GVSU – Campsite Restrictions Near Water Sources Within Wilderness in Colorado.

Whitney Lambert – Cornerstone University – North Country Scenic Trail through Tahquamenon County.

Jeffery Gardner – GVSU – Wildfire Risk Assessment in Western Montana.

Ghanam Slenazi, Aryn Cowley, Shawn Harp, Marshall Wixom – Ferris State University – Establishment of 2nd Order Class 1 Vertical Control Network.

Alex Lynch – CMU – Experimental Assessment of Supervised Algorithms to Classify Targeted Land-Cover using Ultra-High Resolution Multispectral UAS Imagery.

Michelle Kane – Lake Superior State University – 911 Hot Spot Analysis of the Eastern Upper Peninsula.

Eric Roggow – EMU – Land Cover Change in Livingston County, Michigan

Kyle Aderohunmu, Wendy Dorman, Emily Fisher Allison Hoff, Marisa Laderach Elizabeth Sample – EMU – City of Ypsilanti Street Infrastructure Assessment.

Brianne Czyzio – Aquinas College – White Privilege: A Spatial Study of Race & Poverty Demographics

Best Cartographic Design:

First Place: Whitney Lambert, Cornerstone University, North Country Scenic Trail through Tahquamenon County.

Runner-Up: Cole Vickers, GVSU, Desertification of Sudan During El Nino Years Assessed Using Remote Sensing.

Best Analytical Presentation:

First Place: Alex Lynch, CMU, Experimental Assessment of Supervised Algorithms to Classify Targeted Land-Cover using Ultra-High Resolution Multispectral UAS Imagery.

Runner-Up: Eric Roggow – EMU – Land Cover Change in Livingston County, Michigan.

Afternoon Session

Paper Presentation:

Chris Hippensteel – Central Michigan University – Digitizing Great Lakes Coastal Wetlands: A Case Study of GIS Integration.

Special Note: June 2nd meeting will be held in Grayling at the National Guard Training Center.