

GIS Users Meeting

Agenda
February 4, 2016

Location: Constitution Hall, 525 W Allegan, Lansing
Conference Room ConCon A – south lower level

Conference line: **877-873-8017 access code 7774472** – begins at 10:00 AM

Timeline:

9:30 – 10:00 Networking (Coffee, bagels, muffins provided)

10:00 – 12:00 Morning Session

- I - Introductions and Approval of Meeting Minutes
- II - Federal, State, and Association Updates (5 minutes each)
- III - Local, Regional, Vendor Partners, Other Updates (2 minutes each)
- IV - Special Topic
- V - Other Items, and Conclusion

12:00 – 1:30 Lunch on your own.

1:30 – 3:30 Educational Session.

Morning session Special Topic: **Updates from State of Michigan, Center for Shared Solutions (CSS)**

Presented by: Josh Ross and Everett Root

Josh will provide updates on recent activities with the United State Census Bureau. CSS is supporting the Census Bureau's School District Boundary Review program and the Boundary and Annexation Survey (BAS).

Everett will provide an update on the new contracts and pricing for the MiSAIL (Michigan Statewide Imagery & LiDAR) program.

Afternoon Educational Topic: **Unmanned Aerial Systems (UAS)**

Presented by: **Bob Goodwin**, Sr. Geospatial Analyst/Project Manager, RS&GIS, Michigan State University
Colin Brooks, Senior Research Scientist, Michigan Tech Research Institute (MTRI)

Bob's presentation is titled: *The Evolution of UAS: Applications in Research and the Private Sector*

RS&GIS has been researching and deploying Unmanned Aerial Systems (UAS) for over 4 years. This talk will focus on past and present UAS projects at RS&GIS, as well as future directions in research and the private sector. Attention will be given to platforms, sensors and processing methodologies. RS&GIS will also address any questions related to current and upcoming regulations regarding UAS deployment.

Colin's presentation is titled: *Applications of UAVs for transportation infrastructure assessment*

In 2011, MTRI started working with UAVs through US Department of Transportation funding to develop methods of assessing unpaved road condition. Since then, we have also completed the first phase of a project for Michigan DOT on evaluating applications of UAVs to meet a variety of needs for infrastructure assessment and asset management. I'll review these projects and discuss where we anticipate going next with our applied UAV-enabled research.