

# Northern Area GIS User Group Meeting

Monday, June 13, 2016 at the Northern Great Lakes Visitor Center  
29270 County Highway G, Ashland, WI

## Agenda

**9:30 – 10:00: Welcome/Introductions**

**10:00 – 10:30: Bayfield County Story Maps: Pam Roberts, GIS Land Project Assistant, Bayfield County Land Records Department**

*Abstract: The Bayfield County Land Records Department has created two tourism-based Story Maps featuring a wide range of attractions and trails in Bayfield County. They will soon be launched – come see a demonstration of this application utilizing ArcGIS Online, which was created by inserting separate Story Map Tours into a Story Map Series.*

**10:30 – 11:00: Ashland County LiDAR: Al Kirschbaum, Remote Sensing Specialist, National Park Service**

*Abstract: The National Park Service has explored, cleaned, and processed the Ashland Co. terrestrial LiDAR data to create multiple vegetation, hydrologic, and bare earth products. Al will share his experience working with the data and show some of the possible utilities and pitfalls of such a detailed dataset.*

**11:00 – 11:15: Break**

**11:15 – 12:00: Avoiding the Snake Pit: Python Scripting with ArcGIS Pro: Sam Giebner, GIS Analyst, North Point Geographic Solutions**

*Abstract: For many years, ArcPy has been the “go-to” Python site package for geographic data analysis, data conversion, and map automation. With the release of ArcGIS Pro, users are introduced to the new Python 3.4 version of ArcPy. Like many changes to GIS software, the ArcMap to ArcGIS Pro transition is not without its growing pains. In this presentation, Sam will discuss some of the common pitfalls encountered in the transition from Python 2.7 to 3.4, tips for utilizing the new ArcPy, and methods for configuring your computer to run standalone scripts for workflow automation.*

**12:00 – 1:00: Lunch (provided)**

**1:00 – 2:30: Change Finder Service, Esri Integrations, Ultra-High Resolution Imagery: Brandon Tourtelotte, Regional Technical Manager, Pictometry**

*Abstract: This presentation will showcase some of Pictometry’s latest technology and how that fits into current Geospatial trends. Brandon’s presentation will illustrate building outline creation in its various forms, and how that facilitates change detection on buildings and other structures. Next he will present on the usage of 3<sup>rd</sup> party widgets in the ESRI WebAppBuilder environment, showcasing their own custom widget to show obliques within your applications. Finally he will showcase ultra-high resolution imagery captured from traditional aircraft, as compared to that which is captured by UAV’s.*

**2:30 – 3:00: Wrap-up/Networking**