



IMAGIN Emerging Technology Seminar Applications of LiDAR for Asset Management

Presented by IMAGIN and the Department of Geography and Geology at Eastern Michigan University as part of the Emerging Technologies seminar series. Refreshments provide by the Department of Geography and Geology.

Where: Student Center, Room 301, Eastern Michigan University, Ypsilanti

When: Tuesday March 30, 2010, 9:00 – 11:30

Have you been curious about LiDAR (Light Detection and Ranging) technology? Are you unsure how LiDAR may be beneficial within your organization? Then this is the presentation for you. The presenters will be Jason Amadori, GISP (Earth Eye) and Nate Arnold (Washtenaw County GIS Program). The seminar will be focusing on implemented real world applications of LiDAR for asset management.

Jason will be presenting on different types of mobile LiDAR scanners, data calibration, processing, and accuracy assessment. He will help you understand how the technology can be applied to your organization by presenting a few real world examples.

Nate with co-presenter Joe Cantz of Woolpert, Inc. will be discussing the new Washtenaw County LiDAR dataset. This presentation will demonstrate how LiDAR data and digital imagery can be used to perform automated feature extraction such as building foot prints, contours, hydro-features, etc. using recent technology called LiDARgrammetry. This presentation will show how the data derived using this technique is used to meet GIS business objectives.





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