

3.2.3

Unmanned Aircraft Systems at the Ohio Department of Transportation

Presenter

Fred Judson

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Co-Presenter

This presentation will cover the use of Unmanned Aircraft Systems (UAS) for a GIS\remote sensing operations supporting roadway surveys, construction and project documentation as well as asset locations and conditions. We will be presenting some lessons learned, the present state of the technology, current public policy on UAS operations in government as well as the future direction. Advanced photo stitching and terrain modeling software for UAS's will also be covered.

Bio(s):

Fred Judson is a certified GIS Professional with over 10 years' experience in GIS at the Ohio Department of Transportation, District 2. He also has a Private Pilot Airman Knowledge Certification from the FAA and a swinglet CAM UAS Certification.