

# Orbit Geospatial Holds Mapping Seminar at UAS Event



Dr Lomme Devriendt, head of the Department of Photogrammetry at Orbit Geospatial Technologies, will speak at the UAS Event on 11 April 2013. He will discuss UAS mapping as an alternative for land surveying techniques. The second edition of the UAS Event is being held at the High Tech Campus in Eindhoven, The Netherlands.

Can a UAS mapping technique compete with standard surveying techniques? Since the boom in different RPAS (remotely piloted air system), UAV (unmanned aerial vehicle), or UAS (unmanned aerial system), this is one of the crucial questions when it comes to UAS mappings. Not the looks and feels are important but the reliability, ease-to-use, and accuracy that you get with a system based on hardware and corresponding software.

Although it seems like any conventional photogrammetry packet combined with any UAS system will end in satisfying results, there is a big difference between nice visualisations and land surveying quality.

To tackle this quality gap, Orbit GeoSpatial Technologies has decided some years ago, although every airborne system is still supported in the software, to go more deeply into one specific UAS system which is most suitable for accurate data captation. Integrating this UAS system with specialised pre- and postflight software, that feeds the preprogrammed waypoint flight in a 'photogrammetry' way and adapts the postflight process on required image and flightlog data, results in high accuracy, ready to use and proved for real land surveying tasks.

Orbit Geospatial Technologies is based in Belgium and is specialised in photogrammetry and mobile mapping. The company develops a range of software solutions for geospatial business intelligence and information management.

More information on the UAS Event can be found [here](#).