

UAV-g 2015: International Conference on UAVs in Geomatics

ISPRS ICWG IVb on Unmanned Vehicle Systems (UVS): Sensors and Applications is inviting geomatics professionals to attend the 2015 International Conference on Unmanned Aerial Vehicles for Geomatics, UAV-g 2015. This is the third event of the series of UAV-g Conferences following the very successful meetings in 2011 in Zurich, Switzerland, and in 2013 in Rostock, Germany. UAV-g 2015 will be hosted by the Lassonde School of Engineering, York University in Toronto, Canada.

Using small UAV as data acquisition platforms and measurement instruments has become attractive for many emerging applications. These small and lightweight Unmanned Aerial Vehicles (UAV) are also known as Remotely Piloted Aircraft Systems (RPAS) or Unmanned Aerial Systems (UAS). Small unmanned aerial systems (sUAS) are being used for a variety of civilian uses ranging from mapping remote arctic areas to search and rescue to home deliveries.

sUAS mobile mapping systems are becoming the technological impetus for revolutionising 3D geospatial data acquisition and mapping and causing a paradigm shift in the field of geomatics. sUAS are transforming geomatics research and applications and creating new and innovative opportunities for measuring and modelling geospatial environments. However, there are no complete and easy solutions as the low cost, smaller and simpler pilotless aerial mapping systems, consisting mostly of small aerial platforms and off-the-shelf equipment and sensors, are still expected to deliver high-quality results in efficient and economical ways.

Experts

The aim of UAV-g 2015 is to bring together experts in photogrammetry and remote sensing, surveying, robotic mapping, computer vision, artificial intelligence, aerospace engineering, geosciences and various users' communities. Researchers, developers, service and systems providers as well as users are invited to contribute with presentations, posters, exhibitions, live demonstrations and discussions to create synergies between research and applications using UAV in Geomatics. It is a great opportunity to learn about the most recent developments and to exchange views on the future directions of UAV in geomatics research, applications and services. The conference will include plenary and thematic sessions, poster sessions, exhibition and demonstrations.

Go to the [conference website](https://www.gim-international.com/content/news/uav-g-2015-international-conference-on-uavs-in-geomatics) for information and updates.

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