

Hundreds of International Surveying and Mapping Experts to Gather in Wuhan



Held every two years, the ISPRS Geospatial Week (ISPRS GSW) is one of the world's largest and most comprehensive technical conferences focused on photogrammetry, remote sensing and geospatial information. ISPRS GSW 2017 will be held in Wuhan, China, and a huge number of specialists and experts from all over the world will come together at this conference.

The ISPRS Geospatial Week 2017 (GSW 2017) will be held in Wuhan, China, from 18-22 September. "This will be a very international conference," comments Prof Dr Deren Li from the Chinese Academy of Sciences and Chinese Academy of Engineering.

Introduction to ISPRS and GSW

The International Society of Photogrammetry was established in Vienna, Austria, over one hundred years ago in 1910. In 1980, the society changed its name into International Society for Photogrammetry and Remote Sensing (ISPRS). ISPRS covers a wide range of research topics, from photogrammetry and remote sensing to geospatial information. Its members come from over 100 countries.



ISPRS GSW 2017 Wuhan banner

There are five Technical Commissions as well as a number of Scientific Steering Committees to guide the academic activities from all over the world and to investigate the development of this field. The five Technical Commissions are the Sensor Systems Commission, Photogrammetry Commission, Remote Sensing Commission, Spatial Information Science Commission and the Education and Outreach Commission.

Each Commission is entrusted to an Ordinary Member organisation for a four-year term between Congresses. Ordinary Members seeking responsibility for a Commission submit proposals for hosting the Commission and are elected by the General Assembly at the Congress. Each Technical Commission is the responsibility of a President and Secretary, with the support of the hosting Ordinary Member and with the guidance and approval of the Council. A Technical Commission organises Working Groups, and each Commission arranges a Symposium between Congresses, for which it is entirely responsible.

The ISPRS Geospatial Week (GSW) was launched in order to meet the requirement for scientific and societal development. There will be 10 workshop topics at the third GSW.

10 topics covered by ISPRS workshops

The 10 topics covered by the ISPRS workshops include the 5th International Workshop on Web Mapping, Geoprocessing and Services, Laser Scanning, Indoor 3D 2017, the 10th International Symposium on Spatial Data Quality, the 2017 International Workshop on Image and Data Fusion, the 3rd International Conference on Spatial Data Mining and Geographical Knowledge Service, the 2017 ISPRS International Workshop on Advances in SAR: Constellation, Signal Processing and Applications, the ISPRS Workshop on Photogrammetric 3D Reconstruction for Geo-Applications 2017 and the 2017 ISPRS Workshop on Cryosphere and Hydrosphere for Global Change Studies.

The topics will be decided in more detail by the team leaders and the deputy leader of every workshop. GSW 2017 also contains various formats for presenting the main content, such as special reports of the Congress and exhibition in terms of the new achievements in the field.

Highlights of GSW 2017

GSW 2017 will be a platform for innovation, including presentation of high-resolution Earth observation and the Beidou navigation satellite system, the VR programme and Wuhan University's research on intelligent robots. Equipped with vision sensors, aural sensors and face recognition technology, the intelligent robot is able to walk, test and recognise objects autonomously.

GSW 2017 Host: Wuhan University

China, and Wuhan University in particular, are honoured to have the opportunity to host the ISPRS Geospatial Week, where specialists and experts will come together to share their recent academic achievements and experiences as well as promoting the development of the related fields.

“GSW 2017 will combine with Oriental elements to promote communication between the East and the West,” comments Prof Dr Deren Li. “Meanwhile, we plan to generate publicity in developing countries, especially those in the Asia–Pacific region. We are also inviting some researchers from Hong Kong, Macao, Taiwan and some from neighbouring countries,” he adds.

Last but not least, Prof Dr Deren Li states: “I hope that the new generation will come here to communicate with researchers from developed countries. These people represent our future and the desire for sustainable development. I believe this congress can contribute to that.”

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