

ORGANIZATION OF ISPRS

ISPRS is a Society composed of 92 national, 16 associate and 15 regional societies and organizations, and has 58 sustaining members. The society is led by a Council for policy direction and management in accordance with Resolutions set forth by its General Assembly, which convenes every four years in a Congress. Organizations may join ISPRS as:

Ordinary Members: Representing the whole community of photogrammetry, remote sensing and spatial information specialists in a country or region.

Associate Members: Representing a community that has a strong interest in participating in the Society's affairs, and which is not represented by the Ordinary Member organization of the country.

Regional Members: A multi-national association established for the purpose of considering issues of common interest, promoting regional cooperation, convening regional conferences etc.

Sustaining Members: Organizations, institutions, agencies or individuals, involved in Society related commerce or engaged in research and/or education and who contribute financial support for the Society's objectives.

Individuals usually participate in the activities of the Society through affiliation of an ISPRS Member organization. However, they can also join ISPRS as an Individual Member.

Individuals interested in contributing to the scientific and technologic activities of the Society are encouraged to join one of the Working Groups which operate under the leadership of the Technical Commissions.

ISPRS FOUNDATION

The ISPRS Foundation is intended to improve the ability of ISPRS to achieve its aims and objectives by administering a broadly-based international program of fund raising to provide grants to qualified individuals and organizations that are pursuing and/or applying knowledge for advancing the sciences and technologies associated with the disciplines embodied by ISPRS. The Foundation raises, invests and grants funds on an unrestricted basis for this purpose. It contributes significantly to the efforts of ISPRS in international cooperation and technology transfer, and, in particular, supports students and young professionals from economically challenged countries.

ISPRS COUNCIL 2016-2020

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COMMISSIONS 2016-2020

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COMMISSION IV Spatial Information Science / isprs-pr-c4@isprs.org
President: Sisi Zlatanova (The Netherlands) – Vice President: Suzana Dragičević (Canada)

COMMISSION V Education and Outreach / isprs-pr-c5@isprs.org
President: A. Senthil Kumar (India) – Vice President: P.L.N. Raju (India)

XXIVth ISPRS CONGRESS IN 2020

Nice, France, 28th June - 4th July, 2020
Host: Société Française de Photogrammétrie et Télédétection (SFPT)
Congress Director: Nicolas Paparoditis
Institut national de l'information géographique et forestière (IGN)
www.isprs2020-nice.com

ISPRS HEADQUARTERS

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ISPRS

INFORMATION FROM IMAGERY

Geoinformation
remote sensing
spatial information sciences
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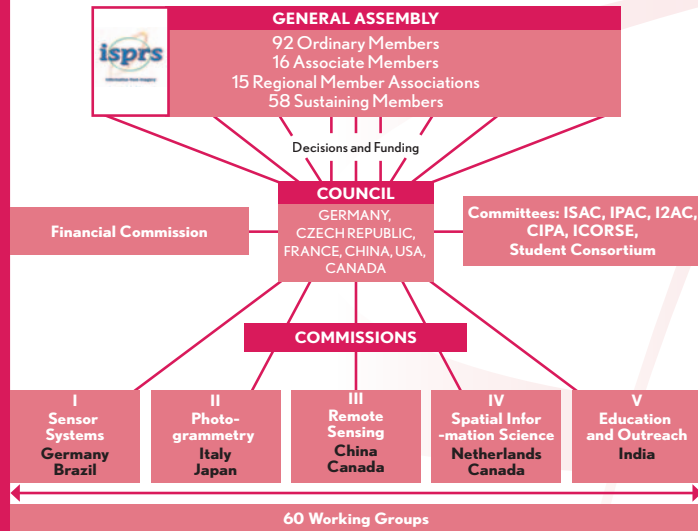


WHAT IS ISPRS?

ISPRS is an international non-governmental organization that promotes international cooperation between the worldwide organizations with interests in the photogrammetry, remote sensing and spatial information sciences. Established in 1910, ISPRS is the oldest international umbrella organization in its field, which may be summarized as addressing "information from imagery".

ISPRS achieves its aims by:

- Advancing knowledge in the areas of interest of ISPRS by encouraging and facilitating research and development, scientific networking and inter-disciplinary activities;
- Facilitating education and training with particular emphasis in less developed countries;
- Promoting public recognition of the contributions of the photogrammetry, remote sensing and spatial information sciences for the benefit of humankind and the sustainability of the environment.



The ISPRS scientific and technical programs are organized by five Technical Commissions. Each Commission is sponsored by an ISPRS Member organization for the four-year period between Congresses. The five Technical Commissions have established about 60 Working Groups which are responsible for particular topics within the Commissions' areas of responsibility. All Technical Commissions hold a Symposium within their country in 2018, other major events in the odd years are the ISPRS Geospatial Weeks 2017 (in Wuhan) and 2019. Smaller workshops will be organized by the Working Groups throughout the four-year period until the XXIVth ISPRS Congress in Nice in 2020.

PHOTOGRAMMETRY

Photogrammetry is the science and technology of extracting reliable three-dimensional geometric and thematic information, often over time, of objects and scenes from image and range data. Resultant data can be used for the development of spatial databases and spatial information systems (SIS) in digital, graphical and image forms. The technology employed for image-based three-dimensional measurements in mapping, engineering, heritage recording, forensic analysis, robotics, driver assistance systems, medical applications, computer gaming and other fields, provides geometric and semantic object information for populating spatial databases and for creating virtual reality scenes with real-life textured models.

REMOTE SENSING

Remote sensing is the science and technology of capturing, processing and analysing imagery, in conjunction with other physical data of the Earth and the planets, from sensors in space, in the air and on the ground. Remotely sensed observations of the Earth from airborne and space-borne sensors, in synergy with in-situ and hand-held measurements, provide the basis for mapping human and natural activities; for physical and empirically based process monitoring; for assessing and mitigating disasters; for identifying and assessing non-renewable resources; for monitoring temporal changes in weather, land and sea cover; and for many other applications. Spatial and semantic descriptions of objects, features and processes are derived from one-, two- and three-dimensional (3D) measurements in time, and the interpretation of their electromagnetic and acoustic signal attributes using active and passive optical, thermal and microwave instruments and sounding devices.

SPATIAL INFORMATION SCIENCES

Spatial Information Science is concerned with the modelling, storage, processing, retrieval, integration, visualisation, dissemination, and applications of information with a spatial reference. Employing concepts and methods from spatial information science is an essential step in the process of obtaining useful information from images, since typically the description and location of objects and processes, as well as temporal relationships between these physical objects, need to be integrated with socio-economic and other data for analysis, simulation, prediction, visualisation and decision making purposes. Spatial information science deals with, for example, spatial data mining, interoperability and data integration, visual analytics, spatio-temporal perspectives on big data, visualisation and generalisation, the Internet of Things, social networks, and human-computer interaction. It is widely applied, including transportation planning and management, urban and infrastructure planning, land and resource management, smart cities, disaster management, environmental monitoring, public health, security, and in understanding many other natural and anthropogenic processes and phenomena.

ISPRS PUBLICATIONS

The **ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences** contain selected peer-reviewed scientific contributions of ISPRS Congresses, Symposia and a number of Conferences and Workshops. The series was established in 2012. The Annals are listed in the Web of Science and other relevant indices.

The **International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences** contain the proceedings and the scientific and technical presentations of all ISPRS Congresses, Symposia and selected Conferences and Workshops. The Archives are listed in the Web of Science and other relevant indices.

The **ISPRS Journal of Photogrammetry and Remote Sensing** is the official peer-reviewed publication of the Society on photogrammetry and remote sensing. It is published twelve times per year and contains scientific and technical articles and reviews.

The **ISPRS International Journal of Geo-Information**, an international scientific open access journal on geo-information, is the official peer-reviewed publication of the Society on geo-information. It is published online every three months.

The **ISPRS eBulletin** is the official bulletin of the Society, published and distributed electronically about every two months.

The **ISPRS Book Series** includes high quality refereed papers from ISPRS Congresses, Symposia or Workshops, to provide information to a wider international audience.

The **ISPRS web site www.isprs.org** contains a large part of the material from the above information sources.

INTERNATIONAL LINKS

ISPRS is an active member of the **United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)**, the **United Nations Committee on the Peaceful Uses of Outer Space (UN OOSA)**, the **Group on Earth Observations (GEO)**, the **International Council for Science (ICSU)** and has significant relations with other international scientific societies and the **International Organization for Standardization (ISO)**.



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Foreseeing tomorrow

