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## Statutes

### STATUTE I - Name and Mission

The International Society for Photogrammetry and Remote Sensing (hereinafter referred to as the Society) which was founded in Vienna, Austria in 1910 as 'Internationale Gesellschaft für Photogrammetrie', is a non-governmental international organization, devoted to the development of international cooperation for the advancement of knowledge, research, development, education and training in the photogrammetry, remote sensing and spatial information sciences, their integration and applications, to contribute to the well-being of humanity and the sustainability of the environment.

### STATUTE II - Definitions

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.

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.

Spatial Information Science is concerned with the modelling, storage, processing, retrieval, application and communication of information with a spatial reference.

### STATUTE III - Qualifications

The Society pursues its aims without any discrimination on grounds of politics, nationality, religion, race, or gender

### STATUTE IV - Activities

To achieve its aims, the Society shall:

- (a) facilitate excellence in research and development and the proper use of appropriate technology in the photogrammetry, remote sensing and spatial information sciences, as well as the development of standards;
- (b) initiate and coordinate research in the fields of the photogrammetry, remote sensing and spatial information sciences by creating Technical Commissions and Working Groups concerned with pertinent aspects of the photogrammetry, remote sensing and spatial information sciences;
- (c) convene international congresses, symposia and other meetings, with lectures, communications, discussions, and as appropriate, tutorials, exhibitions, technical visits, and social events;
- (d) ensure wide international circulation of the results of research and the records of discussion by the publication of The International Archives and Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, which shall form the record of Congresses and Symposia, and other

scientific meetings of the Society;

- (e) publish and circulate international journals, a bulletin, and other communications relevant to the interest of the Society and the community at large;
- (f) stimulate the formation of national and regional Societies of the photogrammetry, remote sensing and spatial information sciences and promote exchanges between such Societies;
- (g) encourage interaction of the Society and its members with the community at large, including the publication and exchange of scientific papers and journals by, and among, its national and regional Societies;
- (h) encourage recognition and administer awards to honor the achievements of individuals or groups.
- (i) represent the photogrammetry, remote sensing and spatial information sciences in relevant international forums;
- (j) promote and facilitate education, training, and technology transfer of the photogrammetry, remote sensing and spatial information sciences;
- (k) promote other appropriate actions to enhance the Society's mission.

### STATUTE V - Cooperation with Other International Organizations

The Society shall cooperate with:

- (a) international and regional institutions or organizations concerned with photogrammetry, remote sensing, computer vision, spatial information sciences, land survey, geodesy, cartography, and other relevant disciplines;
- (b) inter-governmental bodies of the United Nations and other relevant, international policy-making organizations.

### STATUTE VI - Membership

The types of membership in the Society are:

- Ordinary Members
- Associate Members
- Regional Members
- Sustaining Members
- Honorary Members
- Fellows
- Individual Members

1. An **Ordinary Member** shall be the single organization of a country, or a geographic region thereof, having an independent budget, which should represent the whole community of photogrammetry, remote sensing and spatial information specialists in the country or region.
- (a) An Ordinary Member shall be responsible to the Society for the proper discharge of all the duties of membership including specifically:

- participating in the scientific work of the Society, including active participation in Working Groups and Commissions;
  - prompt payment of Membership subscription fee;
  - actively participating in the decisions of the General Assembly;
  - striving to provide equitable national representation for all photogrammetric, remote sensing and spatial information specialists in its country or region;
  - serving as national focal point for distribution of ISPRS information to their members;
  - submitting periodic reports and news for publication in the Society's bulletin;
  - demonstrating active representation of the whole of their membership in their country or region;
  - encouraging interdisciplinary cooperation in scientific and technologic activities, and establishing links with relevant groups;
  - forming journals and registering them with the Secretary General.
- (b) Normally, the Ordinary Member organization of a country shall be a national, formally constituted, representational Society. In the absence of such a Society the Ordinary Member may be:
- an association of societies, each having the advancement of the photogrammetry, remote sensing and spatial information sciences among its principal objectives;
  - the principal Scientific Academy of a country or its National Research Council;
  - or failing these, any other institution or association of institutions, whether governmental or non-governmental, concerned with the sciences of photogrammetry, remote sensing and spatial information.
- (c) Different categories of Ordinary Members shall be established to reflect the use of the photogrammetry, remote sensing and spatial information sciences, and the number of specialists in the organization.
2. An **Associate Member** shall be an organization which represents a community of photogrammetrists and/or remote sensing specialists and/or spatial information specialists in a country, and which has a strong interest in participating in the Society's affairs, and which is not represented by the Ordinary Member organization of the country.
- An Associate Member shall be responsible to the Society for the proper discharge of all the duties of membership including specifically:
- participating in the scientific work of the Society, including active participation in Working Groups and Commissions;

- prompt payment of Membership subscription fee;
- promoting ISPRS activities;
- participating in the discussions of the General Assembly;
- serving as a focal point for distribution of ISPRS information to their members;
- submitting periodic reports and news for publication in the Society's bulletin;
- stimulating the establishment of appropriate means of communication.

3. A **Regional Member** shall be a multi-national association of photogrammetry and/or remote sensing and/or spatial information science organizations established for the purpose of considering questions of common interest, promoting regional cooperation, convening regional conferences, etc.
4. **Sustaining Members** contribute to the financial support of the Society and shall be individuals, organizations, institutions, or agencies who provide hardware, software, systems and/or services, in the fields of photogrammetry and/or remote sensing and/or spatial information, and/or who are engaged in research and/or education and training.
5. **Honorary Members.** In recognition of distinguished services to the ISPRS and its aims, an individual may be elected an Honorary Member of the Society.
6. **Fellows.** In recognition of sustained, excellent service to the ISPRS and its aims, an individual may be elected as a Fellow of the Society.
7. **Individual Members** are persons with a qualification or studying for a qualification in the fields of photogrammetry and/or remote sensing and/or spatial information, who wish to be involved with the activities and mission of the Society.

#### STATUTE VII - Organization and Administration

The direction and management of the Society, including the conduct of its technical and scientific program, shall be undertaken through the following components: the Congress, the General Assembly, the Council, the Financial Commission, the Technical Commissions and the Committees of the Society.

#### STATUTE VIII - Officers

1. The Officers of the Society shall be the President of the Society, the other Members of the Council and the Presidents and Vice-Presidents of Technical Commissions.
2. The Officers shall serve from the termination of the Congress at which they are elected or appointed until the completion of the next ensuing Congress.

#### STATUTE IX - Congress

1. The Congress shall consist of all photogrammetry, remote sensing and spatial information specialists

in attendance.

2. The Congress shall normally meet every four years.
3. The Congress shall be convened in plenary session at least twice during the course of each Congress.

#### **STATUTE X - General Assembly**

1. The General Assembly shall be the supreme authority of the Society for all decisions. It shall determine the general policy of the Society.
2. The General Assembly shall consist of the Delegates appointed by the Ordinary Members to represent them, each Ordinary Member being represented by one Delegate.
3. Delegates, Members of Council, Members of the Financial Commission, Honorary Members of the Society, the Regional Representatives, the President of the Student Consortium, one Representative of the Associate Members, the Regional Members and the Sustaining Members, the Chairpersons of the permanent Committees, and two Advisors per Delegate shall have the right to attend the meetings of the General Assembly.

#### **STATUTE XI - Council**

1. The Council shall consist of six individuals:
  - The President of the Society
  - The Vice-President
  - The Past President
  - The Secretary General
  - The Treasurer
  - The Congress Director
2. The General Assembly may appoint Regional Representatives, from separate regions, to assist Council to coordinate activities in regions not already represented on the Council. The Regional Representatives shall be invited to attend Council Meetings as appropriate.
3. The Council shall conduct the affairs of the Society in the interval between meetings of the General Assembly in accordance with the Statutes and Bylaws and with the decisions and directives of the General Assembly and of Congress.
4. The Council shall be answerable to the General Assembly for management of Society affairs and shall guide the conduct of the General Assembly.
5. The Council shall assist the President to coordinate and guide the activities of the Technical Commissions.
6. Between meetings of the General Assembly, the Council may consult Members by correspondence or otherwise.
7. The responsibilities of the members of Council are defined in the Bylaws.

#### **STATUTE XII - Headquarters**

The headquarters of the Society shall be designated by the Council.

#### **STATUTE XIII - Technical Commissions**

1. The scientific work of the Society shall be the responsibility of its Technical Commissions and shall be guided by Resolutions approved by the General Assembly.
2. Responsibility for the work of each Technical Commission during the interval between two successive Congresses shall be entrusted by the General Assembly to one of the Ordinary Members or to a number of Ordinary Members who have agreed to collaborate.
3. The work of each Commission should be conducted by the Commission Board consisting of:
  - The Commission President
  - The Commission Vice-President
  - The Commission Secretary/ies
  - The Working Group Chairpersons
  - Other officers as appointed

#### **STATUTE XIV - Financial Commission**

1. At each Congress the General Assembly shall elect a Chairperson and two members of a Financial Commission.
2. The role of the Financial Commission shall be advisory and consultative. It shall examine expenditure of all kinds incurred by the Society and suggest to the General Assembly broad lines of financial policy for the Society, having regard to its scientific responsibilities.
3. Between Congresses, the Financial Commission shall report directly to the Council through the Secretary General at least once a year after the annual balance sheet has been prepared and examined. It shall be present, in an advisory capacity, at meetings of the General Assembly.

#### **STATUTE XV - Finances**

1. Each Ordinary Member and Associate Member shall pay annually the subscription fee assigned to its category. The amount of subscription fee for each category shall be determined by the General Assembly and may be altered by the General Assembly only at one of its ordinary meetings, held during the course of a Congress.
2. Regional Members and Sustaining Members shall pay an annual subscription fee established by Council.
3. The ISPRS Foundation shall be guided by the Society and maintained as an independent entity, devoted solely to support philanthropic activities of the Society.

#### **STATUTE XVI - Voting**

1. In plenary sessions of the Congress, decisions shall be taken by a show of hands and by a simple majority of votes passed.
2. Voting in the General Assembly shall be conducted as follows:
  - (a) Only Delegates shall have the right to vote.

- (b) No Delegate shall represent or vote for any Ordinary Member other than his/her own.
  - (c) Voting shall not be by proxy.
  - (d) If the President or any Delegate so requests, the vote shall be taken by secret ballot.
  - (e) Each Delegate shall have a number of votes equal to the category of the Ordinary Member which he/she represents.
  - (f) The adoption of Resolutions concerning admission of new Ordinary Members, Associate Members or Regional Members, cancellation of membership, alteration to the Statutes or the Bylaws, dissolution of the Society or its amalgamation with another international organization, shall require at least three-quarters of the votes cast to be in favor of the Resolution. Decision on all other matters shall be approved by a simple majority of the votes cast.
  - (g) Associate Members, Regional Members and Sustaining Members shall have observer status in the General Assembly with no voting rights, but with full discussion privileges.
3. Recourse to a vote by correspondence shall only be permitted in exceptional cases. This procedure shall be taken only when the Council considers it necessary to reach a decision without awaiting a meeting of the General Assembly.
  4. Recourse to a remote vote or a hybrid vote, i.e. a mixture of in-person and remote vote, in the General Assembly shall only be permitted in exceptional cases. This procedure shall be taken only when the Council considers it necessary to reach a decision without an in-person-only General Assembly.

#### **STATUTE XVII - Regulations and Directives**

The Council shall be entitled to issue provisional Regulations and Directives to provide guidance in transitory situations, and such shall be valid until considered at the next Congress.

#### **STATUTE XVIII - Languages**

1. The official languages of the Society shall be

English, French and German.

2. The English Text of the present Statutes and Bylaws shall be considered to be the definitive version.

#### **STATUTE XIX - Dissolution and Amalgamation**

Only the General Assembly may approve a decision on dissolution of the Society or amalgamation of the Society with another international body. An extraordinary meeting must be specially called for that sole purpose. For such an extraordinary meeting three clear calendar months' notice shall be given to all Ordinary Members in writing, requesting them to send Delegates thereto.

#### **STATUTE XX - Amendments to Statutes and Bylaws**

1. Only the General Assembly has authority to amend the Statutes and Bylaws.
2. The Statutes may be amended under the following conditions:
  - (a) An amendment may be formulated in writing by an Ordinary Member and addressed to the Secretary General not less than 10 months prior to the date fixed for the meeting of the General Assembly at which it is to be considered. Such an amendment shall be supported by at least one other Ordinary Member.
  - (b) Amendments may be formulated by the Council or a committee appointed by the Council. In such a case, there shall be no necessity for supporting these amendments by an Ordinary Member.
  - (c) The Secretary General shall inform all Ordinary Members on the proposed amendments at least six months prior to the date fixed for the meeting of the General Assembly at which they are to be considered.
3. The Bylaws may be amended under the following conditions:
  - (a) At least 48 hours must be given Delegates prior to discussing amendments to the Society Bylaws.
  - (b) No Bylaw that contravenes the Statutes shall be valid.

Original Statutes adopted by the General Assembly of the 11th Congress, July 1968, at Lausanne, Switzerland.

Statutes amended by the General Assembly of the 12th Congress, August 1972, at Ottawa, Canada.

Statutes amended by the General Assembly of the 14th Congress, July 1980, at Hamburg, Federal Republic of Germany.

Statutes amended by the General Assembly of the 15th Congress, June 1984, at Rio de Janeiro, Brazil.

Statutes amended by the General Assembly of the 16th Congress, July 1988, at Kyoto Japan.

Statutes amended by the General Assembly of the 18th Congress, July 1996, at Vienna, Austria.

Statutes amended by the General Assembly of the 19th Congress, July 2000, at Amsterdam, The Netherlands.

Statutes amended by the General Assembly of the 20th Congress, July 2004, at Istanbul, Turkey.

Statutes amended by the General Assembly of the 21st Congress, July 2008, at Beijing, China.

Statutes amended by the General Assembly of the 22nd Congress, August 2012, at Melbourne, Australia.

Statutes amended by the General Assembly of the 23rd Congress, July 2016, at Prague, Czech Republic.

Statutes amended by postal vote, October 2019.

Statutes amended by the General Assembly of the 24th Congress, June 2022, at Nice, France.

President: Christian Heipke (2016-2022) Secretary General: Lena Halounová (2016-2022)



Bylaws

BYLAW I - Name and Mission

The short title of the International Society for Photogrammetry and Remote Sensing shall be ISPRS with the motto “Information from Imagery” and these initials and motto shall be used on all Society publications and on flags, logos, stationery, etc. of the Society and its subordinate bodies.

BYLAW II - Definitions

The Society's scientific interests shall include the photogrammetry, remote sensing, and spatial information sciences and related disciplines.

Photogrammetry is 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, where it provides geometric and semantic object information for populating spatial databases and for creating virtual reality scenes with real-life textured models.

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, and the interpretation of their electromagnetic and acoustic signal attributes using active and passive optical, thermal and microwave instruments and sounding devices.

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 and visualisation 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 applied in 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.

BYLAW III - Qualifications

The Society subscribes to the declaration adopted in 1958 by the 8th General Assembly of the International Council for Science (ICSU), concerning non-discrimination on the basis of politics, nationality, religion, race, or gender.

BYLAW IV - Activities

In addition to the activities in Statute IV, the Society may carry out all other activities incidental or conducive to the Society's aims, provided such acts do not contravene the Statutes or Bylaws of the Society or the laws of the country in which they are done, or the general principles to which the Society subscribes.

BYLAW V - Cooperation with Other International Organizations

In its policy of cooperation, the Society shall support consolidation of international societies committed to the promotion of the united profession of photogrammetry, remote sensing, spatial information sciences, cartography, geodesy, and surveying, as well as affiliation with other relevant international organizations.

BYLAW VI - Membership

1. Ordinary Members

- (a) An application for Ordinary Membership in the Society shall be addressed to the Secretary General and be accompanied by a description of the photogrammetric, remote sensing and spatial information science activities in the country or geographic region thereof, having an independent budget, and of the nature of the organization making application, including specifically its statutes, aims, standing in the country, relations with other organizations concerned with the photogrammetry, remote sensing and spatial information sciences, and its administrative and financial structure.
- (b) The application shall state the category in which Ordinary Membership is requested. The category chosen should be broadly related to the number of photogrammetrists and/or remote sensing and/or spatial information specialists represented by the applicant, and the uses made of the photogrammetry, remote sensing and spatial information sciences in the country concerned. The table below indicates the category to which an Ordinary Member should belong.

Number of Active Specialists				Category
less than 26				1
26	to	50		2
51	to	150		3
151	to	250		4

251	to	400	5
401	to	600	6
601	to	800	7
more than 800			8

- (c) The Council shall review each application received and if it estimates that the proposed category is inappropriate, the Secretary General shall return the application. The Secretary General shall report every application received to all Members and shall inform them of the opinion of the Council thereon.
- (d) The admission of an Ordinary Member shall be decided by vote of the General Assembly, or with approval of Council, by a vote by correspondence. The Secretary General shall declare the result of the vote to all Members and to the organization seeking admission.
- (e) An Ordinary Member may at any time raise its category; it may not lower it without the previous assent of the General Assembly.
- (f) To retain its good standing as Ordinary Member requires fulfillment of its responsibilities outlined in the Statutes.
- (g) The cancellation of Ordinary Membership may be declared by the General Assembly:
  - in the case of action manifestly contrary to the interests and objectives of the Society;
  - in the case of repeated default in the payment of subscription fees in spite of a demand for payment which the Treasurer shall send to the defaulting Ordinary Member at least six months prior to the meeting of the General Assembly.
- (h) An Ordinary Member may resign from the Society by a declaration in writing addressed to the Secretary General. The Council shall act upon the declaration and shall inform all Members as quickly as possible.
- (i) When an Ordinary Member leaves the Society, whether by resignation or by exclusion, it shall thereby forfeit all rights in the Society.

## 2. Associate Members

- (a) An application for Associate Membership in the Society shall be addressed to the Secretary General and be accompanied by a description of the photogrammetry, remote sensing and spatial information science activities in the country and of the nature of the organization making application, including specifically its statutes, aims, standing in the country, relations with other organizations concerned with photogrammetry, and/or remote sensing, and/or spatial information sciences, and its administrative and financial structure.
- (b) The application shall state the category in which Associate Membership is requested. The category chosen should be broadly related to the number

of photogrammetrists and/or remote sensing and/or spatial information specialists represented by the applicant, and the uses made of the photogrammetry, remote sensing and spatial information sciences in the country concerned. The table below indicates the category to which an Associate Member should belong.

Number of Active Specialists	Category
less than 51	1
51 to 250	2
251 to 600	3
more than 600	4

- (c) The Council shall review each application received and shall consult with the Ordinary Member of the country, and the Secretary General shall report every application received to all Members and shall inform them of the opinion of the Council thereon.
- (d) The admission of an Associate Member shall be decided by vote of the General Assembly, or with approval of Council, by a vote by correspondence. The Secretary General shall declare the result of the vote to all Members and to the organization seeking admission.
- (e) An Associate Member can upgrade its membership to Ordinary Member:
  - at any time by uniting or cooperating with the Ordinary Member of its country, or
  - by vote of the General Assembly, after consultation by Council with the Ordinary Member and demonstration by appropriate documentation, of more active participation in areas of study of ISPRS and larger representation of the whole community of specialists in the country, than the current Ordinary Member. The new category will be determined according to Bylaw VI.1.(b).
- (f) The cancellation of Associate Membership may be declared by the General Assembly:
  - in the case of action manifestly contrary to the interests and objectives of the Society;
  - in the case of repeated default in the payment of subscription fees in spite of a demand for payment which the Treasurer shall send to the defaulting Associate Member at least six months prior to the meeting of the General Assembly.
- (g) An Associate Member may resign from the Society by a declaration in writing, addressed to the Secretary General. The Council shall act upon the declaration and shall inform all Members as quickly as possible.

## 3. Regional Members

- (a) An application for Regional Membership shall be submitted to the Secretary General and shall

include a full listing of the associated organizations, the charter of the Regional Member, and names of current officers.

- (b) The Council shall assure that the charter of the Regional Member conforms to the Statutes and Bylaws of the Society. The Secretary General shall report every application received to all Members and shall inform them of the opinion of the Council.
- (c) The admission of Regional Members shall be decided by vote of the General Assembly, or with approval of Council, by a vote by correspondence.
- (d) The cancellation of Regional Membership may be declared by the General Assembly:
  - in the case of action manifestly contrary to the interests and objectives of the Society;
  - in the case of repeated default in the payment of subscription fees in spite of a demand for payment which the Treasurer shall send to the defaulting Regional Member at least six months prior to the meeting of the General Assembly.
- (e) A Regional Member may resign from the Society by a declaration in writing addressed to the Secretary General. The Council shall act upon the declaration and shall inform all Members as quickly as possible.

#### 4. Sustaining Members

- (a) An application for Sustaining Membership shall be addressed in writing to the Secretary General and shall include a full statement of the applicant's role in the fields of photogrammetry and/or remote sensing and/or spatial information sciences.
- (b) Council shall consider each application and make the final decision on admission of an applicant.
- (c) Sustaining Members may appoint a committee called the International Industry Advisory Committee (IIAC) to represent the exhibitors in the planning and operation of scientific and technical exhibits sponsored by the Society. The recommendations of the IIAC are advisory to the Congress Director.
- (d) The IIAC Chair of the Society shall convene an IIAC meeting at least once during each Congress.
- (e) Council shall have the authority to cancel Sustaining Membership:
  - in the case of action manifestly contrary to the interests and objectives of the Society;
  - in the case of repeated default in payment of subscription fees.
- (f) A Sustaining Member may resign from the Society by a declaration in writing, addressed to the Secretary General. The Council shall act upon the declaration and shall inform all Members as quickly as possible.

#### 5. Honorary Members

- (a) There may not be more than ten living Honorary Members of the Society at any given time.
- (b) Honorary Members are elected by the Congress in Plenary Session. A maximum of two Honorary Members may be elected at any Congress.
- (c) Candidates for Honorary Membership may be proposed by any of the Member organizations of the Society. Proposals shall summarize the accomplishments of the candidate and be submitted to the Secretary General at least six months before the next Congress.
- (d) Honorary Members shall be nominated by a seven-member committee appointed by the Council. The committee shall include three Honorary Members, three members from the three previous Councils plus one current Council member and shall be chaired by the most recent Honorary Member.
- (e) Honorary Members shall have the right to attend all meetings of the Society and its constituent parts except for Council meetings. They shall not be required to pay registration fees for any Society function.

#### 6. Fellows

- (a) Candidates shall be nominated by any Member of the Society or by Council. The nomination shall be considered by the Fellows Committee, and recommendations for the award of Fellowship shall be made to the General Assembly which will elect the Fellows.
- (b) The Fellows Committee shall be composed of five members from Fellows selected by Council (2), an Honorary Member selected by the Honorary Members (1), and individuals elected by the General Assembly (2). The Committee shall select a Chair from amongst their number. Members of the Fellows Committee are ineligible for nomination.
- (c) The maximum number of living Fellows at any one time shall be 40, excluding those Fellows subsequently elected as Honorary Members. Up to five Fellows may be elected in any one General Assembly.

#### 7. Individual Members

- (a) An application for Individual Membership shall be addressed in writing to the Secretary General and shall include a full statement of the applicant's role in the fields of photogrammetry and/or remote sensing and/or spatial information.
- (b) Council shall consider each application and make the final decision on admission of an applicant.
- (c) Council shall have the authority to cancel Individual Membership in case of action manifestly contrary to the interests and objectives of the Society.



**BYLAW VII - Organization and Administration**

1. The Chairs of the Permanent Committees, the Chair of the Financial Commission, the President of the Student Consortium, the Editors in Chief of the ISPRS Journals, the Book Series Editor, the ISPRS Webmaster, the Editor of the eBulletin and the Regional Representatives shall comprise the Advisory Board. The Advisory Board shall meet with Council at least once during the inter-Congress period.
2. Committees may be appointed by the Council to report on special topics or to address issues in support of Council. The membership of a Committee shall consist of a Chairperson appointed by the President. Additional members shall be selected by the Chairperson with the approval of the President. International representation among Committee Members shall be encouraged. A committee shall be instituted when the Terms of Reference for the Committee have been approved by Council. The term of an Ad-Hoc Committee shall coincide with the inter-congress period. The term of a Permanent Committee shall be indefinite and may only be dissolved at the end of an inter-Congress period by consensus of the Council. The Chairperson shall prepare a report on Committee activities for presentation to each regular meeting of the General Assembly.  
Permanent Committees of the Society are:
  - International Committee on Remote Sensing of the Environment (ICORSE)
  - CIPA Heritage Documentation (CIPA)
  - International Policy Advisory Committee (IPAC)
  - International Science Advisory Committee (ISAC)
  - International Industry Advisory Committee (IIAC)
3. The Student Consortium (SC) is the organization of the students within the ISPRS community. The SC is governed by its own Statutes. The SC is directly connected to the ISPRS Council, and a three-person SC Advisory Committee, appointed by the ISPRS Council, serves the SC by providing assistance for SC business.

**BYLAW VIII - Officers**

1. The President of the Society, the Vice-President, the Secretary General and the Treasurer shall be elected by the General Assembly. Ordinary Members may submit nominations for members of Council to the Secretary General not later than four months prior to the meeting of the General Assembly at the time of a Congress. The Council will review the recommendations and submit nominations to the General Assembly.
2. A person shall hold the office of President only for one term.

3. In order to assist continuity, the outgoing President shall be appointed the incoming Past President as of right without election. Should he/she decline the office, it shall be filled by election by the General Assembly and the position shall be called Vice President.
4. The Congress Director shall be proposed by the Ordinary Member organizing the Congress and shall be confirmed by the General Assembly.
5. The Past President, who has been appointed to that office without election, and the Congress Director may be of any nationality. Of the remaining members of the Council, no two shall be of the same nationality. In this context, nationality shall be that of the Ordinary Member which nominates the candidate.
6. No more than three Council members may remain on Council from one inter-Congress period to the next.
7. Other than in exceptional cases, no person shall serve on Council for more than three terms.
8. The Council shall fill, by co-option, all vacancies occurring through the death or long-term disability of any of its members other than the President. When filling the post of Treasurer by co-option, the Council shall first consult all Ordinary Members, by correspondence or otherwise, and shall take account of the views expressed.
9. No member of Council shall be a member of the Financial Commission.
10. The Presidents and Vice-Presidents of Technical Commissions shall be nominated by the Ordinary Members seeking responsibility for Technical Commissions. The General Assembly selecting the Ordinary Member responsible for a Commission shall confirm the Commission President and the Vice-President. In case of necessity, a Commission President may be confirmed by the Council.

**BYLAW IX - Congress**

1. The Congress site shall be selected by the General Assembly from proposals made by Ordinary Members to the Secretary General not later than four months prior to the meeting of the General Assembly at which the decision is to be taken. Such proposals shall include the dates, physical facilities, preliminary financial plans, and the name of the proposed Congress Director.
2. The Ordinary Member organizing the Congress shall sign a contract with the Society and be responsible for ensuring that adequate provisions are made for the Congress. The Ordinary Member shall obtain the necessary financial support for this purpose. The Ordinary Member shall be responsible for financing the Congress, including the preparation and publication of *The International Archives* and the *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences* relating to the Congress. For

this purpose, it shall have the cooperation of the Technical Commissions and of the Council.

3. The activities of the Congress shall be prepared and carried through by a Congress Committee chaired by the Congress Director. All other members of the Congress Committee shall be appointed by the Ordinary Member organizing the Congress. The Congress Committee shall have the responsibility for organizing the Congress on the administrative and financial levels.
4. The scientific-technical programme shall be supported by an International Programme Committee, chaired by a person of high scientific reputation appointed by Council. The other members of the International Programme Committee comprise the Congress Director, the Presidents and Vice-Presidents of the Technical Commissions and further qualified individuals as deemed necessary.
5. Only persons in the following categories may take part in the activities of the Congress:
  - (a) Persons who are associated with a Member and have paid the Congress fee;
  - (b) Honorary Members of the Society;
  - (c) Persons specially invited by the President, either on account of their personal standing or as representatives of other scientific organizations. They shall not be required to pay the Congress fee;
  - (d) Persons who have received the general invitation and have paid the Congress fee.
6. Congress meeting in plenary session shall:
  - (a) review the decisions of the General Assembly;
  - (b) witness the award of Medals and other distinctions of the Society;
  - (c) elect the Honorary Members of the Society.
7. The Technical Commissions shall meet during the Congress for the purpose of:
  - (a) reports by the Presidents on activities of the Commissions during the inter-congress period;
  - (b) presentation of technical papers, tutorials and/or poster sessions on topics covered by the Commissions, in programmed technical sessions determined by Commission Presidents and the Council;
  - (c) formulation of Resolutions.
8. Congress considerations for students.
  - (a) Fees for students should be set at a level which will enable a good attendance by students and should be no more than 50% in general of the early registration fee.
  - (b) The Congress should include appropriate activities proposed by the Student Consortium. These could include a Youth Forum during the Congress and a 'Summer School' before or after the Congress.

#### **Commission I: Sensor systems**

Commission I is concerned with the design, construction, characterization, calibration and use of

imaging sensors, sensor systems and sensor networks for photogrammetry, remote sensing and spatial information science, such as air- and space-borne digital cameras (frame and video) and laser scanners, and thermal, hyperspectral and radar sensors. It investigates the different platforms for data acquisition, including, but not restricted to, UAS, mobile mapping systems, aircraft, satellites including small satellites and satellite constellations. Commission I also cooperates with the related industry sector.

#### **Commission II: Photogrammetry**

Commission II deals with the theory and methodology for extracting and analyzing spatio-temporal information of objects from terrestrial, aerial and satellite images, image sequences and point clouds, by using approaches from photogrammetry, image analysis and computer vision, with emphasis on accurate and reliable geometric information. Applications include image-based 3D measurement in geospatial data acquisition, extra-terrestrial mapping, engineering and industrial metrology, heritage recording, forensic analysis, robotics, driver assistance systems, surveillance, medical applications, gaming and movie industries, and other fields. Commission II cooperates with international societies in computer and machine vision and related industry and is the point of contact for CIPA.

#### **Commission III: Remote sensing**

Commission III is concerned with research, development, investigation and operational use of methods and systems for the analysis of remotely sensed observations of the Earth from air- and space-borne sensors, in synergy with in-situ and hand-held measurements. Examples include physical modeling of electromagnetic radiation, the analysis of spectral signatures, image classification, data fusion and pattern recognition. Applications dealt with in Commission III include environmental monitoring for sustainable development and global change; mapping of human and natural activities including land cover, land use and biodiversity; physical and empirically based process monitoring; assessment and mitigation of disasters; identification and assessment of renewable and non-renewable resources; and the monitoring of temporal changes in weather and in land and sea cover. Commission III cooperates intensively with national Space Agencies and is the point of contact for ICORSE.

#### **Commission IV: Spatial Information Science**

Commission IV deals with theoretical and practical aspects of modeling, management, analysis, dissemination and visualization of geospatial data, including interoperability, web services and geospatial data infrastructure. It is also concerned with applications and operational use of spatio-temporal information in areas such as environmental monitoring, disaster management, mobility, 3D city models, Building Information Systems (BIM), social media,

location-based services and health. Commission IV also provides links to international bodies and to National Mapping and Cadastre Agencies.

#### **Commission V: Education and Outreach**

Commission V deals with education, training, capacity building and outreach in all areas related to ISPRS. In carrying out its tasks, Commission V cooperates intensively with Commissions I - IV and with other international geospatial societies.

1. An Ordinary Member (or Ordinary Members) seeking responsibility for a Technical Commission shall submit to the Secretary General an application which includes the activities and the names of the proposed Commission President and Commission Vice-President. Ordinary Members are encouraged to consider proposing a Commission Vice-President from another Ordinary Member and seek the support of this other Ordinary Member for the application to host a Commission. This application shall be submitted at least four months prior to the commencement date of the Congress.
2. In choosing the Ordinary Member or group of Ordinary Members to be entrusted with the responsibility for the work of a Commission, the General Assembly shall take into consideration all relevant factors, including in particular:
  - the various Ordinary Members willing to undertake the responsibility;
  - the scientific and technical ability available to each candidate;
  - the professional standing and ability of the persons proposed as Commission President and Commission Vice-President;
  - the ability and willingness of each Ordinary Member and other organizations in its country to support a Commission;
  - the program of Commission activities proposed by the Ordinary Members and in particular the Working Groups, their chairpersons and the events contemplated.
3. The Ordinary Member (or Ordinary Members) entrusted with a Technical Commission shall assume responsibility for the technical and financial management of the Commission. They shall prepare the Commission and Working Group reports and be responsible for production of the proceedings of its Symposium for publication in the Archives and/or Annals.
4. A Technical Commission shall be autonomous in scientific matters but the Commission President shall keep the President of the Society and the Council fully and promptly informed of all its activities and the progress of its work. The Presidents of Commissions shall meet with the Council as and when necessary to coordinate the work of the Commissions.
5. Commissions I, II, III and IV are expected to organize an International Symposium in the period between two Congresses. Commission V is encouraged to cooperate with the other Commissions and organize events during their Symposia and/or during other ISPRS events. Before arranging an International Symposium, the Commission shall obtain the consent of the Council. Ordinary Members organizing an International Symposium shall sign a contract with the Society and be responsible for ensuring that adequate provisions are made for the Symposium. Such Symposia shall be devoted to the field of the Commission and preparation for the ensuing Congress. Two or more Technical Commissions may collaborate to organize a joint Symposium as a single event. The Symposium should include appropriate activities designed to attract students and the fee for students should be set at a level which will enable a good attendance by students and should be no more than 50% in general of the early registration fee.
6. The Commission President, in accordance with the Commission Vice-President, shall have the right to invite a limited but sufficient number of persons to join the Commission Board for a particular field of interest to the Commission. Board members shall be chosen entirely at the President's own discretion, for the special knowledge or facilities they may possess which will enable them to give the assistance desired. They may be invited from any country and international representation shall be encouraged.
7. Each Ordinary Member and Associate Member shall be entitled to appoint one Correspondent to each Commission. It may change its Correspondent or appoint a substitute at any time.
8. The Commission Board shall review the Resolutions approved by the Congress and identify subjects requiring detailed study, trials or experimental research. It shall establish Working Groups to undertake these investigations and it shall ensure that all measures outlined in the Resolutions are covered by Working Group activities. If, in this connection, important divergences of opinion should arise within or between Commissions, the Council shall determine the course of action. The terms of reference and duration of the Working Groups shall be clearly defined and must be approved by Council.
9. The Working Group shall consist of:
  - the Chairperson of the Working Group;
  - optionally one or two Co-Chairpersons and one Working Group secretary;
  - a group of specialists chosen by the Chairperson, not in consideration of country but of qualification and commitment;

- other interested, competent specialists who have indicated a commitment to contribute and participate.
- 10. A Working Group may be established to study a subject pertinent to the fields of more than one Commission. It shall then be called an Inter-Commission Working Group. The President of the initiating Commission shall notify the Council of the intention and reach agreement with the Presidents of other Commissions concerned. The Council shall pronounce on the advisability of setting up such an Inter-Commission Working Group and designate the Commission which it most concerns and within which it shall make its report.
- 11. Each Working Group shall report annually to the Commission President concerned, in addition to reporting through the appropriate Commission at the Congress. When a Working Group has treated its subject sufficiently for the time being, or has been found to be inactive, the Council shall dissolve the Working Group, normally on the initiative of the Chairperson of the Group or the President of the Commission concerned.
- 12. At least six months in advance of a Congress, the President of each Technical Commission shall form a committee to prepare Resolutions for the Commission. This Committee shall identify the more important problems requiring solution and submit to Council Resolutions on the work needed to solve them, no later than three months in advance of the Congress.
- 13. Prior to the Congress, the Past President shall form the Resolutions Committee, which shall coordinate the Resolutions of all Technical Commissions, Members and Committees with regard to practicality, shall ensure that they are set down in suitable standard form and are presented in at least one of the official languages of the Society.
- 14. During a Congress or Symposium all photogrammetric, remote sensing and spatial information specialists rightfully present shall be free to participate in all activities of a Technical Commission.

#### **BYLAW XIV - Financial Commission**

1. Each member of the Financial Commission shall be of a different nationality. No member of the Financial Commission shall be of the same nationality as any member of Council. Delegates to the General Assembly shall not be excluded from serving as members of the Financial Commission. In this context, nationality shall be that of the Ordinary Member which nominates the candidate.
2. The Financial Commission shall advise the Council on all financial matters at any time upon the request of the Council.
3. The outgoing Financial Commission shall continue to serve after the Congress until the review of the

financial report of the Congress year is finalised. The Council shall ensure that the outgoing Treasurer hands over the accounts and funds of the Society to the new Treasurer within two months of the Congress. The new Financial Commission shall be responsible for advising on the budget for each year after the Congress year. The new Financial Commission shall fully replace the outgoing Financial Commission after the review of the financial report of the Congress year has been finalised, and shall report to the Council that the changeover has been satisfactorily accomplished.

4. The Financial Commission shall examine and audit accounts of the Treasurer once every year, and submit its recommendations to the Council.
5. In the event that a member of the Financial Commission becomes unable to continue in office, on the advice of the remaining members of the Commission, the Council may approve a replacement.

#### **BYLAW XV - Finances**

1. The fiscal year of the Society shall be 1st January to 31st December. All annual subscription fees of Ordinary Members, Associate Members, Regional Members and Sustaining Members shall be paid before the end of the fiscal year. If admission is established after June 30, the new member only has to pay 50% of the annual fee for that year.
2. The annual subscription fee paid by an Ordinary or Associate Member shall be defined through the number of units of subscription assigned to its category of Membership in accordance with the following table:

Category	1	2	3	4	5	6	7	8
Subscription Units								
Ordinary Member	1	2	6	10	16	24	32	48
Associate Member	1	6	12	24				

3. The value of the subscription unit shall be fixed by the General Assembly.
4. The subscription fees of Individual Members, Sustaining Members and Regional Members, established by the Council, shall be ratified by the General Assembly.
5. Bank accounts of the Society shall be held in the names of two persons, normally the President and the Treasurer.
6. Gifts and legacies offered to the Society may be accepted by The ISPRS Foundation Board of Trustees and ratified by the General Assembly.
7. Finances of the Society shall be controlled as follows:
  - (a) An annual budget for revenues and expenditures for each fiscal year shall be prepared by the Treasurer, examined in detail by the Financial Commission, and passed on to the Council for



approval, one month prior to the end of the previous fiscal year.

- (b) Recommendations for grants to support philanthropic activities of the Society shall be prepared by the Council and forwarded to the Board of Trustees of The ISPRS Foundation for action.
- (c) Additional expenditures for routine operations can be approved by the Treasurer. Expenditures for extraordinary items must receive Council's approval.

#### **BYLAW XVI - Voting**

1. A quorum for convening a General Assembly shall require that the Ordinary Member delegates representing fifty percent (50%) of the total sum of eligible votes be present at the commencement of the General Assembly at which the voting is taking place.
2. Members who raise their category at a General Assembly shall receive voting rights at the higher category if they have paid their annual membership subscription fee at the higher category for the fiscal year of the General Assembly.
3. When a vote by correspondence is required, voting papers shall be sent electronically or by airmail to every Ordinary Member eligible to vote. The final date for the return of the vote is set at three months after the mailing, and the position of Council with respect to the vote will be included. All ballots not returned by the time limit set will be recorded as considered to be in support of the Council position.
4. When a remote or a hybrid vote is required, a system must be used for the remote part, in which anonymous voting, adequate measures against fraud and transparency with respect to the results are ensured. Eligibility to vote for remote attendees will be determined one month before the General Assembly at which the vote is to take place.

#### **BYLAW XVII - Regulations and Directives**

1. The decisions of the Plenary Session of a Congress and the decisions of the General Assembly shall be

made known to Members and Technical Commissions of the Society without delay.

2. Except where specified otherwise, a quorum of fifty percent (50%) of the total sum of eligible votes at the commencement of the General Assembly at which voting is taking place, shall be required for decisions at the General Assembly.
3. Decisions taken by the Council shall be promptly communicated to Members by the Secretary General.
4. *Conflict of Interest.* All individuals acting on behalf of ISPRS, whether they are on the Council, Technical Commission Presidents, Working Group officers, ISPRS Committee members, awards jury members or other individuals appointed by ISPRS to act on its behalf, shall disclose to the Council any duality of interest or possible conflict of interest, whenever the duality or conflict pertains to a matter for which this individual is required to make a decision. The Council shall decide on whether the individual can take part in further discussion or vote on the item where duality or conflict occurs, or whether the individual should be replaced.

#### **BYLAW XVIII - Languages**

During a Congress, or a Symposium of a Technical Commission, the host Ordinary Member may offer, entirely at its own expense, translation to the language of the host country.

#### **BYLAW XIX - Dissolution or Amalgamation**

In the instance of dissolution of the Society, the funds shall be donated to a recognized international charitable organization selected by the Council and the Financial Commission. The records of the dissolution shall be deposited with the organization that has assumed responsibility for *Archives and Annals*.

In the instance of amalgamation of the Society into a new organization, the funds shall be donated to that new organization.

#### **BYLAW XX - Amendments to Statutes and Bylaws**

Amendments to Statutes and Bylaws shall take effect at the times set by the General Assembly.

Original Bylaws adopted by the General Assembly of the 11th Congress, July 1968, at Lausanne, Switzerland.

Bylaws amended by the General Assembly of the 12th Congress, August 1972, at Ottawa, Canada.

Bylaws amended by the General Assembly of the 14th Congress, July 1980, at Hamburg, Federal Republic of Germany.

Bylaws amended by the General Assembly of the 15th Congress, June 1984, at Rio de Janeiro, Brazil.

Bylaws amended by the General Assembly of the 16th Congress, July 1988, at Kyoto, Japan.

Bylaws amended by the General Assembly of the 17th Congress, August 1992, at Washington, D.C., USA.

Bylaws amended by the General Assembly of the 18th Congress, July 1996, at Vienna, Austria.

Bylaws amended by the General Assembly of the 19th Congress, July 2000, at Amsterdam, The Netherlands.

Bylaws amended by the General Assembly of the 20th Congress, July 2004, at Istanbul, Turkey.

Bylaws amended by the General Assembly of the 21st Congress, July 2008, at Beijing, China.

Bylaws amended by the General Assembly of the 22nd Congress, August 2012, at Melbourne, Australia.

Bylaws amended by postal vote, May 2014.



Bylaws amended by postal vote, May 2015.

Bylaws amended by the General Assembly of the 23rd Congress, July 2016, at Prague, Czech Republic.

Bylaws amended by postal vote, October 2019.

Bylaws amended by the General Assembly of the 24th Congress, June 2022, at Nice, France.

President: Christian Heipke (2016-2022) Secretary General: Lena Halounová (2016-2022)

## Award Policy

In recognition of the value and prestige associated with ISPRS Awards, in 1998 the Council developed the following ISPRS Awards Policy, which was ratified by the ISPRS General Assembly in Amsterdam and revised in 2009, in 2015 and in 2024.

1. ISPRS Awards shall recognize outstanding contributions and achievements by an individual or individuals in the pursuit of, or for a major realization of, the objectives of ISPRS.
2. The Terms of Reference of ISPRS Awards shall be in accordance with the Statutes and Bylaws of the Society.
3. The Terms of Reference of ISPRS Awards shall be specified in written form in the English language. They are subject to approval by Council.
4. The Terms of Reference and background shall be communicated to ISPRS members through official documents of the Society.
5. ISPRS Council shall appoint an Awards Nomination Committee which will ensure that the Awards are well publicized and that at least two nominations are received for each Award for submission to the jury for each Award. The Nomination Committee may make nominations themselves.
6. All new ISPRS Awards shall consist of a reward of substantial monetary value, or an item of high intrinsic value (a minimum of Swiss francs 2,500 or equivalent), together with a certificate or plaque of recognition.
7. In order to establish a new long-term award (for a minimum of 12 years), the sponsoring organization shall make a commitment for a minimum period of support of 12 years in the formal proposal for the award to the President of ISPRS, for approval by Council.
8. The funding and preparation of ISPRS Awards shall be provided by the sponsoring organization(s) and delivered to the Congress Director and Treasurer after the Awardee(s) have been identified.
9. Each new ISPRS Award shall be granted for a specific purpose, which shall not overlap significantly the purpose of another ISPRS Award.
10. Presentations of ISPRS Awards shall be made at an appropriate event, preferably a plenary session, General Assembly of the Congress, or Gala Dinner.
11. Amendment to the Terms of Reference of an ISPRS Award shall require agreement of Council with the Award sponsor. The sponsor shall then prepare the amended Terms of Reference in final form for Council approval.
12. It is expected that the recipient will attend the Congress to receive the award

Information on awards offered by ISPRS incl. the Terms of Reference of each award can be found **here**.

## Terms of Reference of Awards Nomination Committee

1. The Awards Nomination Committee shall be appointed by Council and shall include two Council Members (SG and PP), two Honorary Members, a representative of the Editors in Chief of the ISPRS journals and two other persons. The ISPRS Past President will chair the Committee.
2. The Committee shall, in cooperation with the Secretary General, ensure that information about the ISPRS Awards is widely disseminated amongst Members, academic institutions and other organisations involved the photogrammetry, remote sensing and spatial information sciences.
3. The Committee shall canvass Members, academic institutions and other organisations involved in the photogrammetry, remote sensing and spatial information sciences in an endeavour to ensure that all deserving candidates are considered for nomination for each Award, and that nominations are made for all awards. Nominations may be made by the Committee.
4. The Committee shall ensure that appropriate biographical information is compiled on each nominee, and made available for consideration by the jury for each Award.

## The Brock Gold Medal Award

### Preamble

The periodic Award of a gold medal was instituted in 1952 by the ISP to encourage the advancement of photogrammetry. The funds for the provision of medals were given in memory of Arthur and Norman Brock. On 22nd May, 1954 and 25th March, 1955, the Council of the ISP adopted unanimously certain rules governing the Award of the medal and further resolved that those rules should remain in force until altered by the unanimous vote of the Council which provision is still valid. On 8th May 1957, on 20th April 1999 and on 9th September 2009, the Council considered alterations to the rules and subsequently by correspondence agreed by unanimous vote to alter them and rewrite them as follows:

### Rules governing the award

1. The medal shall be known as the Brock Gold Medal Award and shall be awarded at the sole discretion of the Council of the ISPRS in accordance with the following rules.
2. The person to whom the Award is to be made shall be selected irrespective of nationality and solely in respect of contribution to the accomplishment to be signalized by the Award.
3. The medal shall be awarded only in respect of an outstanding landmark in the evolution of the photogrammetry, remote sensing and spatial information sciences, which shall be a proven contribution to these sciences and technologies of whatever form, whether a major completed project or program, some fundamentally new equipment, system or fundamentally new technique, or other new departure.
4. The landmark in the evolution of the photogrammetry, remote sensing and spatial information sciences to be thus signalized by the Award of the medal shall have proven its worth as a contribution to the advancement of these fields at least two years prior to the Congress at which the Award is to be made and in general not more than some twelve years prior to the Congress.
5. Recommendations for the Award of the medal shall be made in accordance with the following rules:
  - a. The Council shall, two years prior to each Congress, invite the member societies to submit recommendations for recipients of the Award.
  - b. Every recommendation for the Award shall be made by two individuals who adhere to the ISPRS through any of the forms of membership and who are neither of the same nationality as their candidate nor of the same nationality as one another.
  - c. Recommendations shall be in respect of an individual and not of a group of individuals nor of any organization or commercial firm. However, as many advances in the photogrammetry, remote sensing and spatial information sciences, and in the execution of projects and programs, may be largely due to team work, it shall be allowable to recommend the leader or the leading spirit of a team of workers, or such person as the team itself may think has made the most important or outstanding or fundamental contribution to their work.
  - d. Every recommendation shall be made in writing to the President of the ISPRS and shall be accompanied by documentation and an explanation of the grounds of the recommendation that shall be sufficiently full to enable the Council to evaluate them.
  - e. The nominators may consult organizations or individuals of the country in which their candidate has been working, who are involved in the photogrammetry, remote sensing and spatial information sciences, and if they do so, they must include in their documentation the advice they have received.
  - f. Recommendations shall be made only during the period between the close of one Congress and nine months before the opening of the next.
  - g. All recommendations made prior to one Congress shall lapse at the conclusion of that Congress, whether or not any medal was awarded at it. It is permissible to revive a recommendation that has lapsed by making a fresh recommendation.
6. The selection of the person to receive the medal shall be made by the Council in accordance with the following rules:
  - a. Any member of the Council who has been recommended for the Award shall not, while their name remains one that can still be considered, take part in the proceedings of selection or be counted as a member of Council for the purpose of calculating the proportion of votes cast under this rule.
  - b. Nine months before each Congress the Council shall begin to consider all recommendations received to date, and may at the same time consider the merits of the work of any other person (except a member of Council) that the Council itself deems worthy of consideration for the Award. The Council shall complete its consideration and reach its conclusion in sufficient time to permit the preparation of

the medal and its presentation at the Congress.

- c. The Council may use whatever procedure it thinks fit to reach its conclusions, provided a final selection is made by vote. In such voting a Councillor of the same nationality as a candidate not yet eliminated shall have no vote and a candidate to be successful must receive the votes of not less than two thirds of those entitled to vote. Votes may be cast in person or by post.
7. The Council shall normally expect to Award one medal at each Congress. It may abstain from awarding a medal at any particular Congress, in which case it may award an additional medal at the Congress next following but not later.
8. The name of the recipient of the medal shall be announced at the Congress, and the medal shall, whenever practicable, be presented in person at the Congress by the President.
9. The medal shall not be awarded posthumously, other than in the exceptional event of the candidate dying after having been selected for the Award, in which case the Council shall decide whether to award the medal posthumously or not at all or to some other candidate.
10. The ASPRS Foundation, Inc. (the Foundation) shall establish a trust fund for providing the Brock Award medals. The terms of the trust deed and any modifications thereof shall be subject to the approval of the Foundation and the Council of the

ISPRS. The trust fund established by the Foundation shall contain provisions for safeguarding the capital value of the assets and for all accrued interest to be used for the provision of medals. The Foundation Board of Trustees is appointed by the President of the American Society for Photogrammetry and Remote Sensing, which Society shall be responsible to report periodically to the Council of the ISPRS for the proper conduct of the affairs of the trust.

*Amendments approved by the ASPRS and the ISPRS Council on 9th September 2009*

#### **The winners of the award**

1956 L. Bertele, Switzerland  
 1960 W. Schermerhorn, Netherlands  
 1968 H. Schmid, USA  
 1972 U.V. Helava, Canada  
 1976 F. Ackermann, Germany  
 1980 G. Hobrough, Canada  
 1984 F.J. Doyle, USA  
 1988 D. Brown, USA  
 1992 G. Brachet, France  
 1996 Y.S. Tjufin, Russia  
 2000 J. Dangermond, USA  
 2004 K. Kasturirangan, India  
 2008 A. Grün, Switzerland  
 2012 F. Leberl, Austria  
 2016 W. Förstner, Germany  
 2020 Deren Li, China

## **The Otto von Gruber Award**



#### **Preamble**

On the initiative of Dr. Ir. W. Schermerhorn, the Board of the ITC Foundation decided on 26th September 1961 to set aside funds for the assignment of a periodic award in memory of Otto von Gruber. In 2015 the responsibility for the award

was transferred to the Netherlands Center of Geodesy and Geo-informatics (NCG). The award will be made in accordance with the following amended regulations which have been approved by the Board of the NCG and the Council of The International Society for Photogrammetry and Remote Sensing.

#### **Regulations**

##### **Article 1**

The Award shall be known as the Otto von Gruber Award and consist of a medal and a monetary grant. It will be made every four years to the author of a paper

of outstanding merit in the photogrammetry, remote sensing and spatial information sciences. A person may be given the Award only once.

##### **Article 2**

An applicant for the Award must meet the following requirements:

The Award will be made for one or more papers appearing in published editions of a peer reviewed journal.

Submitted papers shall be written by the applicant only, or, when the applicant is author of a multi authored paper, when evidence is received that the main concept of the paper and the guidance of the co-authors are primarily the work of the applicant.

The papers shall be published within the four years immediately preceding the year of the Congress of the International Society for Photogrammetry and Remote Sensing (ISPRS) at which the Award is to be presented. The applicant should not be older than 40 years on the opening day of the Congress and should have an

academic degree in one of the disciplines relevant for scientific fields of ISPRS.

#### **Article 3**

An applicant for the Award shall submit the paper to the President of the ISPRS at least six months before the opening of the Congress. The paper may be written in any language, but must be submitted to the President in one of the official languages of ISPRS.

#### **Article 4**

A jury of individuals shall appraise the papers submitted to the President and, on the basis of a majority vote of the jury members, select the best paper, the author of which shall be the recipient of the Award. The jury shall be composed as follows:

The President of ISPRS (who will have no vote except in the event of a tied vote);

Three qualified individuals designated before each Award by the following authorities:

The Council of the Deutsche Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation e. V. (DGPF).

The Council of the United Kingdom Remote Sensing and Photogrammetry Society (RSPSoc).

The Chairman of the Netherlands Center of Geodesy and Geo-informatics (NCG).

If two of the jury members mentioned in paragraph b. wish to increase the number of members of the jury, the President of the ISPRS and the previous incumbent of the office each shall name a supplementary member who shall be of nationalities different from each other and different from German and British.

No member of the jury, except the President of ISPRS, shall be from the same institution as any applicant for the Award.

#### **Article 5**

The jury is free to decide:

- to invite applications from persons, who did not submit an application, provided that the requirements stated in Article 2 are complied with;
- that no Award be made when, in its judgment, there is no paper of sufficient merit;

- that two Awards be made at one Congress when, in its judgment, the papers of two candidates are of equal merit.

#### **Article 6**

The decision of the jury is final.

#### **Article 7**

The result of the jury's decision shall be announced at a Plenary Session of the Congress and the Award shall then, whenever practicable, be presented to the recipient in person by the Secretary General or the President.

#### **Article 8**

In case any translation of the above regulations gives rise to ambiguity, the English text will be decisive.

*Amendments approved by the Board of Governors of the ITC Foundation on 23rd January, 1986 and the ISPRS Council on 16th April, 1987.*

*Further amendments approved by the ITC Foundation, the UK RSPSoc and ISPRS Council on 17 June 2004*

*Further amendments approved by the ITC Foundation, the UK RSPSoc and ISPRS Council on 9th September 2009.*

*Further amendments approved by the Board of the NCG and ISPRS Council on July 08, 2015.*

*Further amendments approved by the Board of the NCG and ISPRS Council on September 16, 2021.*

#### **The winners of the award**

1964 F. Ackermann, Germany

1972 H. Ebner and J. Hoehle, Germany

1976 F. Leberl, Austria

1980 A. Gruen, USA

1988 P. Curran, Great Britain

1992 C. Heipke, Germany

1996 H.G. Maas, Switzerland

2000 H. Mayer, Germany and M.G. Vosselman, The Netherlands

2004 S. Heuel, Switzerland

2008 M. Butenuth, Germany

2012 Jan-Henrik Haunert, Germany

2016 Wai Yeung Yan, Canada

2020 not awarded

2022 Chenglu Wen, China

## The Schwidefsky Medal



This medal will be awarded according to the following conditions:

### Rules governing the award

This medal will be awarded according to the following conditions:

#### Article 1

Normally, the medal shall be awarded at each Congress of the International Society for Photogrammetry and Remote Sensing.

#### Article 2

At any Congress the medal may be awarded to no more than two candidates.

#### Article 3

The medal will be presented to the recipient together with a certificate issued by the Deutsche Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation.

#### Article 4

Nominations shall be submitted to the ISPRS President no later than six months prior to the Congress at which it will be presented. Candidates may self nominate.

#### Article 5

Recipients shall be persons who have made significant contributions to the photogrammetry, remote sensing

and spatial information sciences, either through the medium of publication as author or editor, or in the preparation of educational or promotional material in any media, in the area of photogrammetry, remote sensing or spatial information science.

#### Article 6

The Award is decided on by a selection committee consisting of the President of the Deutsche Gesellschaft für Photogrammetrie und Fernerkundung (Chair), the President of ISPRS and the Secretary General of ISPRS.

#### Article 7

The medal will be awarded at an appropriate event of the Congress.

*Bonn, November 1986*

*Amendments approved by the DGPF and the ISPRS Council on 1 April 2004*

*Amendments approved by the DGPF and the ISPRS Council on 9th September 2009*

### The winners of the award

- 1988 K. Rinner, Austria  
G. C. Tewinkel, USA
- 1992 K. Atkinson, United Kingdom  
W. Hofmann, Germany
- 1996 J. B. Case, USA  
A. P. Cracknell, United Kingdom
- 2000 G. Ducher, France  
L. R. A. Narayan, India
- 2004 E. Baltsavias, Switzerland  
Z. Li, Hong Kong
- 2008 G. Kemper, Germany  
K. Szangolies, Germany
- 2012 G. Vosselman, The Netherlands
- 2016 C. K. Toth, USA  
C. Mallet, France
- 2020 Derek Lichti, Canada

## The Schermerhorn Award



In 1988 the "Nederlandse Vereniging voor Fotogrammetrie" instituted the Schermerhorn Award in memory of Prof. Dr. Ir. Willem Schermerhorn for the promotion of international activities in various areas of specialization of the photo-

grammetry, remote sensing and spatial information sciences.

### Rules governing the award

#### Article 1

The scientific, technical and professional achievements of ISPRS depend to a very large extent on the results presented by working groups at symposia and congresses. Activities of working groups are the cornerstone of the functioning of ISPRS. The Schermerhorn



Award will recognize contributions on the working group level and can be made to a Working Group Chair, Co-chair, Secretary or member of a working group.

#### Article 2

The Schermerhorn Award is granted to a member of a working group who, through his/her commitment, has achieved extremely worthwhile and successful scientific meeting(s) of a very high level, gaining sufficient interest (participation by a broad range of countries worldwide) and high level of reporting throughout the four-year period up to an ISPRS Congress.

#### Article 3

The Schermerhorn Award shall consist of a plaque and monetary grant of 1,250 CHF provided by the Society "Geo-Information Netherlands."

#### Article 4

Normally, the award shall be presented to the winner at each quadrennial Congress of ISPRS.

#### Article 5

The Jury of five individuals is composed of the President of ISPRS (Chair), a board member of Geo-Information Netherlands, the Rector of ITC, and a professor in the field of Photogrammetry, Remote Sensing and GIS of Wageningen University and Research Centre, and of Delft University of Technology.

#### Article 6

Nominations for the Award shall reach the President of ISPRS not later than six months prior to the Congress at which it will be presented. The Jury may itself nominate candidates. Candidates may not self-nominate.

#### Article 7

The Jury may decide not to present any award. Decisions are made by simple majority vote. In case of a tie, the vote of the Chairman shall be decisive. The decision of the Jury is final.

*Amendments approved by GIN and ISPRS Council in April and ratified by ISPRS GA in July 2004.*

*Amendments approved by GIN and ISPRS Council in September 2009 and ratified by ISPRS GA in August 2012*

#### The winners of the award

1988	G. Guyot, France
1992	I. Dowman, United Kingdom
1996	D. M. McKeown, USA
2000	T. Woldai, The Netherlands
2004	M. Madden, USA
2008	S. Zlatanova, Netherlands
2012	C. Ö. Kivilcim, Turkey
2016	U. Stilla, Germany
2020	M. Yang, The Netherlands

## The Samuel Gamble Award



#### Preamble

In 1984 the Canadian Institute of Surveying and Mapping resolved to sponsor an award in honour of Dr. Samuel G. Gamble, former President of the International Society for Photogrammetry and Remote Sensing and Director

of the 1972 Congress. Establishment of the award was approved by the Council of the International Society for Photogrammetry and Remote Sensing in March 1985. The award is to be granted according to the following regulations:

#### Article 1

The award shall be known as The Samuel Gamble Award, and it will be granted at each Congress of the International Society for Photogrammetry and Remote Sensing (ISPRS).

#### Article 2

Up to three awards may be made at each ISPRS Congress.

#### Article 3

A recipient of the award shall be a person who, like Dr. Gamble, has contributed significantly to the development, organization or professional activities of photogrammetry and/or remote sensing, at the national or international level.

#### Article 4

The award shall consist of a certificate, issued by the Canadian Institute of Geomatics.

#### Article 5

The recipient(s) of the award shall be selected by a selection board consisting of the President of the Canadian Institute of Geomatics, or his or her nominee, and two individuals appointed by the Council of ISPRS.

#### Article 6

No member of the Council of ISPRS shall be eligible to receive the award while serving on the Council.

#### Article 7

The award shall be presented during a General Assembly of the ISPRS Congress.

#### The winners of the award

1988	O. Coker, Nigeria
	B.A. Sikilo, Kenya

J. van der Weele, The Netherlands  
 1992 M. Carbonnell, France  
 G. Hildebrandt, Germany  
 S. Vibulsresth, Thailand  
 1996 P. Waldhäusl, Austria  
 M. Araya Figueroa, Chile  
 2000 A. Abiodun, Nigeria  
 B. Forster, Australia  
 2004 R. Harris, UK  
 H. Nyalopa, Kenya

V. Savinkykh, Russia  
 2008 W. K. Ottichilo, Kenya  
 J. Kufoniyi, Nigeria  
 Li D., China  
 2012 K. Cho, Japan  
 2016 N. El Sheimy, Canada  
 2020 Jan Skaloud, Switzerland  
 Jonathan Li, Canada  
 2022 Ruisheng Wang Canada

## The Eduard Doležal Award



In memory of Prof. Dr. Eduard Doležal, the Austrian Society for Surveying and Geo-information in 1992 has established an award which will be presented according to the following regulations on the occasion of the Congress of the International Society for Photogrammetry and Remote Sensing, beginning

with the 18th Congress in Vienna. Prof. Dr. Eduard Doležal was born the son of a weaver on 2 March 1862 in Moravské Budějovice (Budwitz, Moravia), studied mathematics and physics in Vienna and in 1889 became a teacher of mathematics at the Technical Secondary School in Sarajevo, Bosnia. In 1905, he was offered a chair in practical geometry at the Technical University in Vienna. Three years later, in 1908, he was elected president of the University.

As early as 1896 he wrote a paper about "The Application of Photography to Practical Measuring Tasks". On 5 May 1907, he founded the Austrian and on 4 July 1910 the International Society for Photogrammetry. He served as first president of ISP until 1926. Doležal founded the International Archives for Photogrammetry and edited the first six volumes (1908 - 1923). He also organized the first International Congress for Photogrammetry (24 to 26 September 1913) in Vienna. He died, showered with honours, on 7 July 1955 in Baden near Vienna. Those who knew Doležal also spoke highly of his social awareness, his visions, his methodical work, all of which aimed at international cooperation. Thus, it is fitting that this award, named after the founding father of ISP(RS), should acknowledge these qualities.

The Eduard Doležal Award specifically encourages activities which in a well-organized way, permanently and effectively promote photogrammetry, remote sensing or GIS. His social awareness will be emphasized

by considering only candidates from developing and reform countries.

### Regulations

#### Article 1

The Eduard Doležal Award is a grant for furtherance, aimed to assist individuals or representatives of institutions, from developing or reform countries, to participate in the ISPRS Congress.

#### Article 2

The Eduard Doležal Award consists of a certificate provided to ISPRS by the Austrian Society for Surveying and Geoinformation, complimentary registration provided by the respective Congress organizer, and a limited travel and expense grant from the Eduard Doležal Fund. The grant is to cover travel and residence expenses for at least one participant to attend the Congress. In the case of short distance journeys, two grants may be awarded.

#### Article 3

The Austrian Society for Surveying and Geoinformation shall serve as trustee to the Eduard Doležal Fund. The amount of grant funds available for distribution will be communicated to ISPRS Secretary General nine months before each ISPRS Congress.

#### Article 4

Applications or nominations must include all the particulars noted in Article 5 and must be filed with ISPRS Secretary General no later than seven months before the beginning of an ISPRS Congress.

#### Article 5

Candidates for the Eduard Doležal Award must meet the following requirements:

1. They shall have completed their studies in one of the branches represented by the ISPRS Commissions, with the foundation of their education in the subjects covered by photogrammetry, remote sensing, and GIS.
2. They must present documentary evidence which demonstrates that they have permanently

implemented a practical application of photogrammetry, remote sensing or GIS in an efficient manner; or which documents their outstanding success in a field that supports photogrammetry, remote sensing or GIS.

3. They must be citizens of a developing or reform country.

#### Article 6

If two Eduard Doležal Awards are granted, the winners must be of different citizenships.

#### Article 7

The jury for the Eduard Doležal Award shall consist of:

1. The President of ISPRS (head of jury).
2. The Secretary General of ISPRS.
3. The President of the Austrian Society for Surveying and Geoinformation or its delegate to the ISPRS General Assembly.
4. A representative of the United Nations.

The jury shall decide no later than five months before the beginning of an ISPRS Congress. Decisions will be

made by a majority. In the case of a tie, the head of jury casts the deciding vote.

#### Article 8

The Eduard Doležal Award will be granted on the occasion of the ISPRS Congress by the President of ISPRS jointly with the delegate of the Austrian Society for Surveying and Geoinformation. The founding of ISPRS by Prof.Dr. mult. Eduard Doležal shall be called to mind during presentation of the Award.

#### The winners of the award

1996	K. Sukup (Czech Republic)
2000	P. Tarikhi (Iran), U.R. Rao (India) I. Katzarsky (Bulgaria)
2004	Jiang J. (China)
2008	N. Dinh Duong (Vietnam)
2012	G. Sithole (Zimbabwe)
2016	P. V. Radhadevi (India)
2020	Damdinsuren Amarsaikhan (Mongolia)

## The U.V. Helava Award



#### Preamble

The publisher of the *ISPRS Journal of Photogrammetry and Remote Sensing* (herein referred to as 'the Journal'), Elsevier B.V., and Leica Geosystems AG, have agreed to jointly present "The U.V. Helava Award"\*

to encourage and stimulate submission of high quality scientific papers by individual authors or groups to the Journal, to promote and advertise the Journal, and to honour the outstanding contributions of Dr. Uuno V. Helava to research and development in Photogrammetry and Remote Sensing. The award will be made in accordance with the following regulations.

#### Regulations

The award will be made in accordance with the following regulations:

#### Article 1

The award, which consists of a plaque and a grant of SFr. 10,000, will be presented every four years to the author(s) of an outstanding paper on one of the topics included in the scope of the Journal. The recipient(s) of the U.V. Helava Award shall receive the award only once.

#### Article 2

Candidates for the award shall be authors of a paper written in English, and published exclusively in the Journal during the four-year period from 1 January of a

Congress year, to 31 December of the year prior to the next Congress (referred herein as 'the evaluation period'). For multiple authored papers, the grant shall be split equally among the authors; only one plaque will be given.

#### Article 3

A five-member jury of high scientific standing, whose expertise covers the main topics included in the scope of the Journal, comprising four experts proposed by the Editor-in-Chief of the Journal and one scientist proposed by Leica Geosystems AG, shall be appointed by the ISPRS Council. Jury members shall be designated by ISPRS Council at its last meeting of the year prior to the Congress, for the four-year evaluation period of the award. The Editor-in-Chief of the Journal shall serve as secretary of the jury, without voting rights.

#### Article 4

The Jury shall select the best paper published in the Journal for each year of the evaluation period (referred to herein as 'best papers'). The author(s) of the best papers shall be announced annually in the Journal, *ISPRS eBulletin* and ISPRS WEB site. Individuals may receive recognition as authors of best papers more than once. At the end of the four-year evaluation period, the Jury shall select the most outstanding paper of the four best papers of the evaluation period, for receipt of the U.V. Helava Award. The authors of the three runner-up best papers shall receive a certificate and a one-year free subscription to the Journal.

#### Article 5

Members of the Jury and the Editor-in-Chief shall not be eligible to receive the U.V. Helava Award or 'best paper' award.

#### Article 6

The Award shall be presented to the recipient(s) by the President of ISPRS and a representative of each sponsor at a plenary session of the Congress.

\* The name "U.V. Helava" is used with kind permission from Mrs. Inkeri Helava and Dr. Heikki Helava

*Amendments approved by the Award Sponsors and ISPRS Council on 5 April 2004.*

*Amendments approved by the Award Sponsors and ISPRS Council on 9th September 2009.*

#### The winners of the award

##### Period 2020-2021

##### The U. V. Helava Award 2020-2021 and Best Paper 2020

*Cloud removal in Sentinel-2 imagery using a deep residual neural network and SAR-optical data fusion*  
by Andrea Meraner a, Patrick Ebel b, Xiao Xiang Zhu b,c and Michael Schmitt d

a Data Science in Earth Observation, Technical University of Munich, Germany

b Data Science in Earth Observation, Technical University of Munich, Germany

c Remote Sensing Technology Institute, German Aerospace Center (DLR), Germany

d Data Science in Earth Observation, Technical University of Munich, Germany

##### The Best Paper 2021

*ULSD: Unified line segment detection across pinhole, fisheye, and spherical cameras*

by Hao Li, Huai Yu, Jinwang Wang, Wen Yang, Lei Yu, Sebastian Scherer

##### Period 2016-2019

##### The U. V. Helava Award 2016-2019 and Best Paper 2017

*Bundle adjustment with raw inertial observations in UAV applications*

by Davide Antonio Cucci, Martin Rehak and Jan Skaloud

École Polytechnique Fédérale de Lausanne, Switzerland

##### The Best Paper 2019

*Design and evaluation of a full-wave surface and bottom-detection algorithm for LiDAR bathymetry of very shallow waters*

by Roland Schwarz a,b, Gottfried Mandlbauer b,c, Martin Pfennigbauer a and Norbert Pfeifer b

a Riegler Research, Austria

b Technische Universität Wien, Austria

c University of Stuttgart, Germany

##### The Best Paper 2018

*From Google Maps to a fine-grained catalog of street trees*

by Steve Branson a1, Jan Dirk Wegner b1, David Hall a, Nico Lang b, Konrad Schindler b, and Pietro Perona a

a Computational Vision Laboratory, California Institute of Technology, USA.

B Photogrammetry and Remote Sensing, ETH Zürich, Switzerland.

1 joint first author

##### The Best Paper 2016

*Understanding human activity patterns based on space-time-semantics*

by Wei Huang, and Songnian Li

Ryerson University, Toronto, Canada

##### Period 2012-2015

##### The U. V. Helava Award 2012-2015 and Best Paper 2015

*Multiclass feature learning for hyperspectral image classification: Sparse and hierarchical solutions*

by Devis Tuia, University of Zurich, Switzerland

Rémi Flamary, Université de Nice Sophia Antipolis, France, and

Nicolas Courty, Université de Bretagne Sud/IRISA, France

##### The Best Paper 2014

*Indoor scene reconstruction using feature sensitive primitive extraction and graph-cut*

by Sven Oesau, Florent Lafarge and Pierre Alliez

Inria Sophia Antipolis – Méditerranée, Sophia Antipolis, France

##### The Best Paper 2013

*Urban accessibility diagnosis from mobile laser scanning data*

by Andrés Serna and Beatriz Marcotegui

MINES ParisTech, CMM – Center for mathematical morphology, Fontainebleau, France

##### The Best Paper 2012

*CityGML – Interoperable semantic 3D city models*

by Gerhard Gröger and Lutz Plümer

Institute for Geodesy and Geoinformation, University of Bonn, Germany

##### Period 2008-2011

##### The U. V. Helava Award 2008-2011 and Best Paper 2010

*Automatic detection and tracking of pedestrians from a moving stereo rig*

by Konrad Schindler Photogrammetry and Remote Sensing, ETH Zürich, Switzerland

Andreas Ess Computer Vision Lab, ETH Zürich, Switzerland

Bastian Leibe UMIC Research Centre, RWTH Aachen, Germany and  
 Luc Van Gool ESAT/PSI-VISICS, IBBT, KU Leuven, Belgium

#### **The Best Paper 2011**

*Modelling and analysing 3D buildings with a primal/dual data structure*  
 by Pawel Boguslawski, Department of Geoinformatics, Universiti Teknologi Malaysia, Malaysia  
 Christopher M. Gold, Department of Computing and Mathematics, University of Glamorgan, Wales, United Kingdom and  
 Hugo Ledoux, GIS technology group, Delft University of Technology, The Netherlands

#### **The Best Paper 2009**

*SPIRIT. SPOT 5 stereoscopic survey of Polar Ice: Reference Images and Topographies during the fourth International Polar Year (2007–2009)*  
 by Jérôme Korona 1, Etienne Berthier 2, Marc Bernard 1, Frédérique Rémy 2, Eric Thouvenot 3  
 1 Spot Image, 5 rue des Satellites, BP 14359, F31030 Toulouse Cedex 4, France  
 2 Université de Toulouse; UPS (OMP-PCA); LEGOS; 14 Avenue Edouard Belin, F-31400 Toulouse, France and CNRS; LEGOS; 14 Avenue Ed. Belin, F-31400 Toulouse, France  
 3 CNES, 18 Avenue E. Belin, 31401 Toulouse Cedex 9, France

#### **The Best Paper 2008**

*On-line boosting-based car detection from aerial images*  
 by Helmut Grabner, Computer Vision Laboratory, ETH Zurich, Switzerland  
 Thuy Thi Nguyen, Institute for Computer Graphics and Vision, University of Technology, Graz, Austria  
 Barbara Gruber, VRVis Research Center for Virtual Reality and Visualization, Graz, Austria and  
 Horst Bischof, Institute for Computer Graphics and Vision, University of Technology, Graz, Austria

#### **Period 2004-2007**

#### **The U. V. Helava Award 2004-2007 and Best Paper 2007**

*Time geography for ad-hoc shared-ride trip planning in mobile geosensor networks*  
 by Martin Raubal<sup>1,3</sup>, Stephan Winter<sup>2</sup>, Sven Teßmann<sup>3,4</sup> and Christian Gaisbauer<sup>2</sup>  
 1 Department of Geography, University of California at Santa Barbara, 5713 Ellison Hall, Santa Barbara, CA 93106-4060, U.S.A.  
 2 Department of Geomatics, The University of Melbourne, VIC 3010, Australia  
 3 Institute of Geoinformatics, University of Münster, 48149 Münster, Germany

4 German Remote Sensing Data Center (DFD), German Aerospace Center (DLR), 82234 Wessling, Germany

#### **The Best Paper 2006**

*Range determination with waveform recording laser systems using a Wiener Filter*  
 by Boris Jutzi, FGAN-FOM Research Institute for Optronics and Pattern Recognition, 76275 Ettlingen, Germany and  
 Uwe Stilla, Photogrammetry and Remote Sensing, Technical University Munich, 80290 Munich, Germany

#### **The Best Paper 2005**

*Recent developments on direct relative orientation*  
 by Henrik Stewénus, Christoph Engels, and David Nistér, Center for Visualization and Virtual Environments, Computer Science Department, University of Kentucky, U.S.A.

#### **The Best Paper 2004**

*A layered stereo matching algorithm using image segmentation and global visibility constraints*  
 by Michael Bleyer, Margrit Gelautz, Interactive Media Systems Group, Institute for Software Technology and Interactive Systems, Vienna University of Technology, Favoritenstrasse 9-11/188/2, A-1040 Vienna, Austria

#### **Period 2000-2003**

#### **The U. V. Helava Award 2000-2003 and Best Paper 2003**

*Extraction, modelling, and use of linear features for restitution of airborne hyperspectral imagery*  
 by Changno Lee, Spatial Imagery Information Research Team, ETRI, 161 Gajeong-dong, Yuseong-gu, Daejeon, 305-350, South Korea  
 James S. Bethel, Geomatic Engineering, 1284 Civil Engineering Building, Purdue University, West Lafayette, IN, USA

#### **The Best Paper 2002**

*The shuttle radar topography mission - a new class of digital elevation models acquired by spaceborne radar*  
 by Bernhard Rabus, Michael Eineder, Achim Roth, Richard Bamler, German Aerospace Center (DLR), Oberpfaffenhofen, D-82234, Wessling, Germany

#### **The Best Paper 2001**

*Seamline detection in colour orthoimage mosaicking by use of twin snakes*  
 by Martin Kerschner, Institute of Photogrammetry and Remote Sensing, Vienna University of Technology, Gusshausstrasse 27-29, A-1040 Vienna, Austria



**The Best Paper 2000***Fuzzy spatial objects and their dynamics*

by Martien Molenaar, International Institute for Geo-Information Science and Earth Observation (ITC), Enschede, Netherlands and

Tao Cheng, Joint Laboratory for GeoInformation Science, The Chinese University of Hong Kong, Shatin, NT, Hong Kong, China

**Period 1996-1999****The U. V. Helava Award 1996-1999 and Best Paper 1996***3D City Models for CAAD-Supported Analysis and Design of Urban Areas*

by Martina Sinning-Meister, Armin Grün, Hanbin Dan  
Institute of Geodesy and Photogrammetry, Swiss Federal Institute of Technology (ETH), Zurich

**The Best Paper 1999***Automated Reconstruction of 3D Models from Real Environments*

by V. Sequeira<sup>1</sup>, K. Ng<sup>2</sup>, E. Wolfart<sup>1</sup>, J.G.M. Gonçalves<sup>1</sup>, D. Hogg<sup>2</sup>

<sup>1</sup> European Commission - Joint Research Centre, Ispra (VA), Italy

<sup>2</sup> School of Computer Studies, University of Leeds, Leeds, UK

**The Best Paper 1998***Errors and Accuracy Estimates of Laser Data Acquired by Various Laser Scanning Systems for Topographic Applications*

by E. Jeroen Huising, Luisa M. Gomes Pereira

Ministry of Transport, Public Works and Water Management, Rijkswaterstaat, Survey Department, Delft, Netherlands

**The Best Paper 1997***Automatic Aerotriangulation - Concept, Realization and Results*

by Liang Tang, Technical Consulting and Software Development for Photogrammetry, Remote Sensing and Geoinformatics, Munich, Josef Braun and Rasmus Debitch, Carl Zeiss, Oberkochen

**The Jack Dangermond Award****Preamble**

The publisher of the ISPRS International Journal of Geo-Information (herein referred to as 'the Journal'), MDPI AG and ESRI, have agreed to jointly present "The Jack Dangermond Award"<sup>1</sup> to encourage and

stimulate submission of high quality scientific papers by individual authors or groups to the Journal, to promote and advertise the Journal, and to honour the outstanding contributions of Jack Dangermond to research and development in Geospatial Sciences.

**Regulations**

The award will be made in accordance with the following regulations:

**Article 1**

The award, which consists of an ISPRS certificate and a grant of USD 10,000, will be presented every four years to the author(s) of an outstanding paper on one of the topics included in the scope of the Journal. The recipient(s) of the Jack Dangermond Award shall receive the award only once.

**Article 2**

Candidates for the award shall be authors of a paper written in English, and published exclusively in the Journal during the four-year period from 1 January of a Congress year, to 31 December of the year prior to the next Congress (referred herein as 'the evaluation

period'). For multiple authored papers, the grant shall be split equally among the authors; certificates will be given to each.

**Article 3**

A five-member jury of high scientific standing, whose expertise covers the main topics included in the scope of the Journal, comprising four experts proposed by the Editor-in-Chief of the Journal and one scientist proposed by ESRI, shall be appointed by the ISPRS Council. Jury members shall be designated by ISPRS Council at its last meeting of the year prior to the Congress, for the four-year evaluation period of the award. The Editor-in-Chief of the Journal shall serve as secretary of the jury, without voting rights.

**Article 4**

The Jury shall select the best paper published in the Journal for each year of the evaluation period (referred to herein as 'best papers'). The author(s) of the best papers shall be announced annually in the Journal, ISPRS eBulletin and ISPRS WEB site. Individuals may receive recognition as authors of best papers more than once. At the end of the four-year evaluation period, the Jury shall select the most outstanding paper of the four best papers of the evaluation period, for receipt of the Jack Dangermond Award. The authors of the three runner-up best papers shall receive a certificate.

**Article 5**

Members of the Jury and the Editor-in-Chief shall not be eligible to receive the Jack Dangermond Award or 'best paper' award.

**Article 6**

The Award shall be presented to the recipient(s) by the President of ISPRS and a representative of each sponsor at a plenary session of the Congress.

<sup>1</sup> The name "Jack Dangermond" is used with kind permission from Jack Dangermond.

*Approved by the Award Sponsors and ISPRS Council on March 19, 2017*

**The winners of the award****Period 2020-2021****The Jack Dangermond Award 2020 – 2021 and Best Paper 2021**

*Analysis of OpenStreetMap Data Quality at Different Stages of a Participatory Mapping Process: Evidence from Slums in Africa and Asia*

By Yeboah G, Porto de Albuquerque J, Troilo R, Tregonning G, Perera S, Ahmed SAKS, Ajisola M, Alam O, Aujla N, Azam SI, Azeem K, Bakibinga P, Chen Y-F, Choudhury NN, Diggle PJ, Fayehun O, Gill P, Griffiths F, Harris B, Iqbal R, Kabaria C, Ziraba AK, Khan AZ, Kibe P, Kisia L, Kyobutungi C, Lilford RJ, Madan JJ, Mbaya N, Mberu B, Mohamed SF, Muir H, Nazish A, Njeri A, Odubanjo O, Omigbodun A, Osuh ME, Owoaje E, Oyebode O, Pitidis V, Rahman O, Rizvi N, Sartori J, Smith S, Taiwo OJ, Ulbrich P,

Uthman OA, Watson SI, Wilson R, Yusuf R.  
<https://doi.org/10.3390/ijgi10040265>

**The Best Paper 2020**

*Cartographic Vandalism in the Era of Location-Based Games – The Case of OpenStreetMap and Pokémon GO.*

By Juhász L, Novack T, Hochmair HH, Qiao S.  
<https://doi.org/10.3390/ijgi9040197>

**Period 2017-2019****The Jack Dangermond Award 2017 – 2019 and Best Paper 2019**

*Voxel-based 3D Point Cloud Semantic Segmentation: Unsupervised Geometric and Relationship Featuring vs Deep Learning Methods*

By Florent Poux and Roland Billen  
<https://doi.org/10.3390/ijgi8050213>

**The Best Paper 2018**

*Generative Street Addresses from Satellite Imagery*

By Ilke Demir, Forest Hughes, Aman Raj, Kaunil Dhruv, Suryanarayana Murthy Muddala, Sanyam Garg, Barrett Doo and Ramesh Raskar  
<https://doi.org/10.3390/ijgi7030084>

**The Best Paper 2017**

*Evaluation of Feature Selection Methods for Object-Based Land Cover Mapping of Unmanned Aerial Vehicle Imagery Using Random Forest and Support Vector Machine Classifiers*

By Lei Ma, Tengyu Fu, Thomas Blaschke, Manchun Li, Dirk Tiede, Zhenjin Zhou, Xiaoxue Ma and Deliang Chen  
<https://doi.org/10.3390/ijgi6020051>

**The Giuseppe Inghilleri Award**

In 2008 the Italian Society for Surveying and Photogrammetry (SIFET) established an award in honour of Professor Giuseppe Inghilleri. Giuseppe Inghilleri (1924-1982), full Professor of Geodesy and Photogrammetry, was Head

of the Institute of Geodesy at the Politecnico di Torino from 1962 until 1977. His scientific work greatly enhanced the mathematical and statistical foundations of photogrammetry, surveying and mapping science. In 1972, at the ISP Congress in Ottawa, he presented an innovative analytical stereo-plotter, produced in the following years by Officine Galileo. He served as President of the ISPRS Technical Commission II from

1972 – 1976 and President of the SIFET from 1979 to 1982.

**Regulations****Article 1**

The award shall be known as the "Giuseppe Inghilleri Award" and shall normally be granted at each Congress of the International Society for Photogrammetry and Remote Sensing (ISPRS).

**Article 2**

The Giuseppe Inghilleri Award shall consist of a certificate and SwF 2,500, from the Italian Society for Surveying and Photogrammetry. Presentation shall be made at an appropriate event, preferably a plenary session or General Assembly of the Congress.

**Article 3**

The recipient shall be a person who has significantly enhanced the applications of photogrammetry, remote sensing or spatial information sciences in the 4 years preceding the Congress. All nominations shall be supported by appropriate documentary evidence of the candidate's work.

**Article 4**

Nominations for the "Giuseppe Inghilleri Award" shall reach the President of ISPRS not later than 6 months prior to the Congress at which it will be presented. Candidates may not self-nominate.

**Article 5**

The Jury of the "Giuseppe Inghilleri Award" shall consist of:

- The President of ISPRS (Chair of Jury)
- The Secretary General of ISPRS
- The President of SIFET or its nominee.

The Jury shall decide no later than 4 months before the ISPRS Congress. The decision shall be made by simple majority. The Jury may decide not to present an award. The decision of the Jury shall be final.

**Article 6**

No Members of ISPRS Council or the Jury shall be eligible to receive the award.

**The winners of the award**

2012 Yun Zhang, Canada  
2016 Sander Oude Elberink, The Netherlands  
2020 Cheng Wang, China  
2020 Marc-Pierrot Deseilligny, France

## The Wang Zhizhuo Award

**Preamble**

The Chinese Society of Geodesy, Photogrammetry and Cartography (CSGPC) decided, in 2004, to present a periodic award for encouraging advancement of the spatial information sciences in memory of Prof. Dr. WANG

Zhizhuo, initiator of photogrammetry and remote sensing in China, Professor and Honorary President of Wuhan Technical University of Surveying and Mapping, a senior Academician of the Chinese Academy of Science, and elected Honorary Member of the International Society for Photogrammetry and Remote Sensing (ISPRS) in 1988.

**Regulations****Article 1**

The award shall be known as The Wang Zhizhuo Award and shall consist of a medal and a monetary grant (SwF 2,500). It will be granted at each quadrennial ISPRS Congress to a person who has made significant achievement or innovation in the spatial information sciences.

**Article 2**

The significant achievement or innovation in the spatial information sciences shall be a proven contribution in whatever form; whether a fundamentally new theory or algorithm, a major completed program or project, or a fundamentally new application. The value of the achievement or innovation should be proven not less

than two years, and no more than twelve years prior to the Congress at which the award is to be presented.

**Article 3**

The ISPRS Council shall issue an invitation for nominations of candidates to all Ordinary, Regional and Associate Members two years in advance of each Congress. Nominations are to be submitted in writing to the President of ISPRS at least six months in advance of the Congress and shall be accompanied by documentation describing the proven contribution in sufficient detail to enable full evaluation by the jury. Candidates may not self-nominate.

**Article 4**

The selection of the person to receive the award shall be decided by the jury. The jury shall consist of the President of ISPRS, the Secretary General of ISPRS, and the President of the Chinese Society of Geodesy, Photogrammetry and Cartography (CSGPC) or its nominee. The selection shall be made by unanimous vote. The decision of the jury shall be final.

**Article 5**

The name of the recipient of the award shall be announced at the Congress, and the award shall be presented to the person at an appropriate event of the Congress by a member of ISPRS Council and a representative of the CSGPC.

*Approved by Council, March 19, 2018*

**The winners of the award**

2008 Christopher Gold, UK  
2012 John Shi, Hong Kong  
2016 Andrew Hudson-Smith, UK  
2020 Wolfgang Kainz, Austria

## The President's Honorary Citation

### Terms of Reference

#### 1. Purpose

The President's Honorary Citation is a certificate of recognition, presented by the President of the International Society for Photogrammetry and Remote Sensing (ISPRS), to one or more officers (chairperson, co-chairperson or secretary) of one working group, from each ISPRS Technical Commission. The citation is to recognize special, personal and meritorious contributions to the operation of the relevant Technical Commission's activities and advancement of its interests, during the quadrennial term of the Society.

#### 2. Nomination

Only Technical Commission Presidents have the right to nominate, and only officers of one single working group shall be nominated. Each individual may receive the citation only once. Neither, the Technical Commission President, the Vice-President, nor the Secretary, is eligible for nomination. The nomination shall consist of a brief written citation, submitted to the ISPRS President by the Technical Commission President six months prior to the ISPRS Congress.

#### 3. Decision

The final decision of the recipients is made by the President of ISPRS, in consultation with the ISPRS Council.

#### 4. Certificate

The President's Honorary Citation is in the form of a certificate signed by the President and the Secretary General of the Society.

#### 5. Presentation

The President's Honorary Citation shall be presented by the President of the Society to the recipients at the closing Plenary Session of the Congress.

*Approved by the ISPRS Council on March 19, 2017*

#### The winners of the award

1996

- TC I: Petros Patias (Greece)
- TC II: Jeff Labonte (Canada)
- TC III: Ismael Colomina (Spain)
- TC IV: Ryutaro Tateishi (Japan)
- TC V: Mark Shortis (Australia)
- TC VI: Kohei Cho (Japan)
- TC VII: Gerard Guyot (France)

2000

- TC I: Karsten Jacobsen (Germany)
- TC II: Christian Heipke (Germany)
- TC III: Bea Csatho (USA)

- TC IV: Emmanuel Baltsavias (Switzerland)
- TC V: Sabry El- Hakim (Canada)
- TC VI: Tanya Maria Sausen (Brazil)
- TC VII: Ake Rosenqvist (Sweden)

2004

- TC I: Karsten Jacobsen (Germany)
- TC II: Christian Heipke (Germany)
- TC III: Helmut Mayer (Germany)
- TC IV: Monika Sester (Germany)
- TC V: Gabriele Fangi (Italy)
- TC VI: Manos Baltsavias (Switzerland)
- TC VII: Karl Staenz (Canada)

2008

- TC I: Karsten Jacobsen (Germany)
- TC II: Monika Sester (Germany)
- TC III: Juha Hyyppa (Finland) and Volker Roderhort (Germany)
- TC IV: Christian Heipke (Germany)
- TC V: Derek Lichti (Australia) and Norbert Pfeiffer (Austria)
- TC VI: Mojca Fras (Slovenia)
- TC VII: Zhang Jixia (China)
- TC VIII: Piero Boccardo (Italy) and Amelia Budge (USA)

2012

- TC I: Ayman Habib (Canada)
- TC II: Cheng Tao (UK)
- TC III: Franz Rottensteiner (Germany)
- TC IV: Jiang Jie (China)
- TC V: Fabio Remondino (Italy)
- TC VI: Manos Baltsavias (Switzerland)
- TC VII: Uwe Sörgel (Germany)
- TC VIII: Amelia Budge (USA)

2016

- TC I: Görres Grenzdörffer (Germany)
- Costas Armenakis (Canada)
- TC II: Monika Sester (Germany)
- TC III: Michael Yang (Germany)
- TC IV: Sisi Zlatanova (The Netherlands)
- TC V: Mark Shortis (Australia)
- TC VI: Anyana Vyas (India)
- TC VII: Batuhan Osmanoğlu (USA)
- TC VIII: Fazlay Faruque (USA)

2022

- TC I: Rupert Müller (Germany)
- TC II: Devis Tuia (China)
- TC III: Mitsunori Yoshimura (Japan)
- TC IV: Zhizhong Kang (China), Kourosh Khoshelham (Australia), Lucía Díaz Vilariño (Spain)
- TC V: Sultan Kocaman (Turkey)

## ISPRS Best Young Author Award

### Terms of Reference

The ISPRS Best Young Author Award (est. 1988), sponsored by donor organizations and ISPRS, recognizes authors who are less than 35 years old on the opening day of the Congress and are the sole or 1st author of a high quality paper accepted for oral presentation at the Congress. Typically, two awards are presented for each ISPRS Commission. Each award consists of a certificate and a SFr. 2,500 grant to enable the awardee to participate in the Congress. To be eligible, young authors must submit their paper by the submission deadline, indicating it should be considered for this award.

One jury for each of the ISPRS Technical Commissions, each appointed by the respective Technical Commission President, evaluates all submissions and selects the awardee for their commission based on the scientific merit of the contribution. The decision of the jury is final.

*Approved by Council, September 16, 2021*

### The winners of the award in 1992

Holger Zielinski, Sweden  
Auke de Haan, Italy  
Elena M. Filipova, Russia  
Stuart L. Barr, UK  
Ilkka A. I. Niini, Finland  
Sun Lixin, China  
Werner Heckel, Germany  
Rongxing Li, USA

### The winners of the award in 1996

Xiuxiao Yuan, China  
Naser El-Sheimy, Canada  
Woosug Cho, USA  
Reda Ezzat Fayek, Canada  
Jefferey A. Shufelt, USA  
Christine Pohl, Netherlands  
Yingchun Zhou, USA  
Gaudenz Danuser, Switzerland  
Chuang Tao, Canada  
Xiaojun Yang, USA

### The winners of the award in 2000

Babak Ameri, Germany  
Ansgar Brunn, Germany  
Marc Honikel, Switzerland  
Jun Li, Canada  
Satya Priya, Japan  
Jochen Schiewe, Germany  
Garry Zalmanson, USA

### The winners of the award in 2004

Devrim Akca, Switzerland  
Tinghua Ai, China  
Michele Crosetto, Spain  
Andrea Forberg, Germany

P.-H. Hsu, China Taipei  
Derek D. Lichti, Australia  
Camillo Ressler, Austria  
Axel Wendt, Germany

### The winners of the award in 2008

Marta Blazquez, Spain  
Margarita Kokla, Greece  
Min Deng, Hong Kong, China  
Sander Oude Elberink, Netherlands  
Pengfeng Xiao, China  
David Belton, Australia  
Francesco Dell'Endice, Switzerland  
Long-Qi Zhang, China  
Yuan Li, China

### The winners of the award in 2012

Maryam Mohammadi, Germany  
Rongfu Tang, Germany  
Shun Hirose, Japan  
Gay Jane P Perez, Philippines  
Janja Avbelj, Germany  
Xiaoliang Meng, China

### The winners of the award in 2016

Yuanxin Ye, China  
Christian Kehl, Norway  
Andreas Ley, Germany  
Constantin-Ioan Nandra, Romania  
Ana Djuricic, Austria  
Raechel Bianchetti, USA  
Benson Kipkemboi Kenduiywo, Germany  
Katalin Kiss, Finland

### The winners of the award in 2020

Emmanuel Cledat, Switzerland  
Stefan Blaser, Switzerland  
Dennis Wittich, Germany  
Eleonora Maset, Italy  
Rory Clifford Pittman, Canada  
Jiangyuan Zeng, China  
Patrick Hübner, Germany  
Xiaoli Li, China  
Priyanka Singh, India  
Recep Can, Turkey

### The winners of the award in 2021

Jiayuan Li, China  
Rahima Djahel, France  
Milad Niroumand-Jadidi, Italy  
Oskar Wage, Germany  
Clemence Dubois, Germany

### The winners of the award in 2022

Kyriaki Mouzakidou, Switzerland  
Corinne Stucker, Switzerland  
Mirjana Voelsen, Germany  
Xiaodan Shi, Japan  
Juan Fernando Toro, Italy



## ISPRS Best Poster Award

### Terms of Reference

At the Congress a total of two awards per Technical Commission are sponsored by ISPRS. Each award consists of a certificate and a gift from the Congress Director. A nomination for this award is not possible and not necessary, as all presented posters will be considered for the award.

A jury for each of the ISPRS Commissions, appointed by the respective Technical Commission President, evaluates the poster presentations and selects the two best posters from the Commission based on content and presentation of the posters. The decision of the jury is final. The awards are presented at the Closing Ceremony of the Congress.

*Approved by Council, March 19, 2018*

### The winners of the award in Kyoto, 1988

TC	Names
I	Neville, Gauthies, Schwarz and Till
I	G. Schreier, Kosmann and A. Roth
III	O. Kölbl
III	A. M. G. Tommaselli and J. B. Lugnani
III	J. A. R. Blais and M. Boulianne
III	Li M.
III	H. Sawada, M. Watanabe, K. Tomiyama and T. Fujiwara
III	M. Kuniyasu, A. Iwashita, H. Watanabe, Y. Mizuochi and Y. Maruyama
IV	M. Michaelis
IV	P. Kasiwat, N. Hongstong and K. Edwards
IV	Liu C.
V	C. L. Ogleby, R. B. Grayson and R. D. Barling
V	E. Baj and G. Bozzolato
V	K. Kimata
V	M. Kureya
VII	S. M. Berhe
VII	A. Hoyano and Y. Komatsu
VII	R. M. Hofferand F. Lozano Garcia
VII	H. Andrianasolo
VII	K. Tanaka, Y. Matsumoto, M. Takaba

### The winners of the award in Washington, 1992

TC	Names
I	R. C. Malhotra
I	M. Schroeder
II	K. Novak
II	Q. Zhou and A. H. Evans
III	R. Shibasaki
III	L. Bin-yi
IV	A. G. Engberg and B. Malmström
IV	Huang Q., Huang R., Zhang X., Lai R. and Zhu H.

V	R. Pallaske, W. Marten and L. Maueishagen
V	H.-G. Maas
VI	K.-K. Artimo
VI	J. R. Jensen and S. Narumalani
VII	K. Dabrowska-Zielinska, A. Ciolkosz, M. Gruszczynska and S. Lewinski
VII	E. Shimizu

### The winners of the award in Vienna, 1996

TC	Names
I	W. Walcher
I	M. Maresch, P. Duracher
II	F. Savopol
II	A. Georgopoulos
III	A. Krupnik
III	U. Stilla, K. Jurkiewicz
IV	H. Hasegawa, A. Okamoto, S. Hattori, T. Ono, K. Tachibana, M. Gildengorin
IV	M. O. Cherkaoui, F. Barkan, M. Gay
V	B. Pollak
V	H. Schewe, E. Moncrieff, L. Gründig
VI	B. Singh Chaudhary
VI	H.-P. Bähr
VII	J. R. dos Santos, D. R. Scales, M. Keil, H. J. H. Kux, M. S. P. Lacruz
VII	J. Clevers, H. Kramer, H.J.C. van Leeuwen, D.H. Hoekman

### The winners of the award in Amsterdam, 2000

TC	Names
I	P.-H. Chen & I. Dowman
I	S.-Y. Hong, K.-S. & I.-. Yo
II	H. Hild, N. Haala & D. Fritsch
II	J.F.C. Silva, P.O. Camargo, R.A. Oliveira, M.G. Guardia, M.L.L. Reiss & R.A.C. Silva
III	H. Zhao
III	E. Michaelsen & U. Stilla
IV	J. Delgado, J. Gardena & A. Gomez
IV	L. Lehto & T. Kilpelainen
V	J. Hrabacek & F. van den Heuvel
V	Z. Ming
VI	J. Gardenal, J. Delgado & M. Torres
VI	K. Cho, R. Matsumoto, H. Shimada & T. Sakata
VII	A. Wimmer, M. Scharelt, M. Ziegler, G. Ruppert, K. Granica, U. Schmidt, H. Gallaun & H. Hyyppa
VII	J. H. M. Hakvoort, J. F. de Haan, R. Jordans, R. J. Vas, S. Peters & M. Rijkeboer (Netherlands)

**The winners of the award in Istanbul, 2004**

TC	Names
I	H. Raggam and K.H. Gutjahr
I	C.H.Liu
II	S. N. Mahapatra, V. K. Mahindru, A. K. Swain, A. Upadhyaya
II	A. Habib, R. Al-Ruzouq
IV	A. Hincq, M. Idrissa, V. Lacroix, H. Bruynseels, O. Swartenbroekx
IV	M. F. Buchroithner, O. Waelder, B. Koenig, T. Gruendemann, G. Neukum, K. Habermann
V	N. Watanabe
V	D. Winterhalder
VI	S. Phem, K. Grabmaier
VI	C. Katterfeld, M. Sester
VII	Y. Imai, M. Setojima, Y. Yamagishi, N. Fujiwara

**The winners of the award in Beijing, 2008**

TC	Names
I	W. Jung, J. S. Bethel
I	L.-C. Chen, T.-A. Teo, C.-Y. Lo
II	H. Chen, V. Walter, D. Fritsch
II	O. Sojung, I. Lee, J. Hong
III	T. A. Teo
III	C. Wu, F. Fraundorfer, J.-M. Frahm, Jack Snoeyink, M. Pollefeys
IV	T. Fuse, T. Wayama, E. Shimizu
IV	A. Ajmar, F. Perez, O. Terzo
V	T. Kakiuchi, H. Chikatsu
V	S. Soudarissanane, R. Lindenberg, B. Gorte
VI	E. McGovern, A. Martin, R. Moore
VI	J. L. Perez-Garcia, J. Delgado, J. Cardenal, M. A. Ureña
VII	L. Ochirkhuyag, R. Tzolmon
VII	S. Abdikan, F. Balik Sanli, F. Bektas Balcik, C. Goksel
VIII	A. Ahmed, M. Nagai, C. Tianen, R. Shibasaki
VIII	J. Hernández Palma

**The winners of the award in Melbourne, 2012**

TC	Names
I	J. Kelcey and A. Lucieer
I	M. Thiele
II	J. Lesparre and B. Gorte
II	J. Chen et al
III	S. Külür, M. Temiz and S. Dogan
III	A. Schmidt, F. Rottensteiner and U. Sörgel

IV	F. Menna, E. Nocerino and F. Remondino
IV	D. Buchmueller, M. Kroepfl and F. Leberl
V	T.O. Chan and D. Lichti
V	H. Hastedt and T. Luhmann
VII	M. U. Altin, E. Tari and L. Ge
VII	S. Kim, I. Lee and M. Lee
VIII	E. M. Morse-McNabb
VIII	N. Costa Penatti

**The winners of the award in Prague, 2016**

TC	Names
I	M. A. Boon, R. Greenfield, S. Tesfamichael
I	J. Kang, F. Deng, X. Li
II	A. Zlinszky and A. Kania
II	A. Suhaibah, U. Uznir, F. Anton, D. Mioc, and A. Rahman
III	W. Nguatem, M. Drauschke, H. Mayer
III	M. Mezian, B. Vallet, B. Soheilian, N. Paparoditis
IV	F. Yildiz
IV	N. Maheshwari
V	M. Mueller and T. Voegtler
V	J. Wang, R. Lindenberg, Y. Shen, and M. Menenti
VI	F.-J. Behr
VI	A. M. C. Perez
VII	R. Zhang
VII	A. Vaiopoulos
VIII	M. Nishio and M. Mori
VIII	C.-H. Lu

**The winners of the award in Nice, 2022**

TC	Names
I	Rahima Djahel, Pascal Monasse, Bruno Vallet
I	Federica Marotta, Luca Perfetti, Francesco Fassi, Cristiana Achille, Giorgio Vassena
II	Fabio Remondino, Luca Morelli, Elisavet Konstantina Stathopoulou, Mostafa Elhashash, Rongjun Qin
II	Hristina Hristova, Meinrad Abegg, Christoph Fischer, Nataliia Rehush
III	Noorlaila Hayati, Noorkomala Sari, Rahmat Arief, Maulida Annisa Uzzulfa
III	Paraskevi Mikeli, Katerina Kikaki, Ioannis Kakogeorgiou, Konstantinos Karantzas
IV	Oskar Wage, Lasse Bienzeisler, Monika Sester
IV	N. Maheshwari
IV	Hao Li, Alexander Zipf
V	Maria Grazia D'urso, S. Rasera

## ISPRS - CATCON Award Computer Assisted Teaching CONTest

### Preamble

**CATCON**, initiated by the Japan Society for Photogrammetry and Remote Sensing, is the name of a software contest organized by ISPRS. The main objective of the contest is to promote the development and dissemination of effective and user-friendly, open-source and preferably non-commercial software designed and used specifically for computer assisted teaching for multimedia courses and tutorials for e-learning, simulations and virtual environments, web information packages or data sets, in one of the areas of interest of ISPRS. CATCON was first organised at the 1996 ISPRS Congress in Vienna, Austria.

### Regulations

#### Article 1

The ISPRS computer assisted teaching contest shall be known as CATCON. The contest will be organised by an appropriate ISPRS working group at each ISPRS Congress. There are three prizes: Gold award (3.000,- SFr.), a Silver Award (2.500,- SFr.) and a Bronze Award (1.500,- SFr.) and a certificate. The award is sponsored by TIF - The ISPRS Foundation.

A software, which was presented at one Congress, can only be presented again at another Congress after having undergone substantial changes.

#### Article 2

Any participant registered and admitted for an ISPRS Congress can submit a proposal and preliminary work for CATCON. The contest is open to individuals and teams. Each group can only submit one proposal.

The proposal must be submitted in written form, addressed to the ISPRS Congress Director. It should include the name, affiliation, country and E-mail address of every team member. In addition, it should contain a title, details about the design concept and purpose, a brief description of functions and system requirements, a URL where the material can be accessed (if available), and other helpful material.

Applicants who have passed an initial evaluation of submitted proposals by the jury, will be asked to present their development in the contest held during the Congress. The contestants are required to bring suitable hard- and software to demonstrate their materials.

#### Article 3

The jury is composed of the working group officers of the WG dealing with computer assisted teaching and the President of the corresponding ISPRS Technical Commission. The Technical Commission President can delegate his responsibility to somebody else. The jury can ask additional individuals to help in the selection process.

#### Article 4

The jury will select the winners based on the following criteria:

- General usefulness and importance of output.
- User-friendliness.
- Scalability and elegance of design.
- Clarity, efficiency and portability of implementation.
- Originality.

The decision of the jury is final.

#### Article 5

The result of the jury's decision shall be announced at the Closing Ceremony of the Congress and the Award shall, whenever practicable, be presented to the recipient in person by the Secretary General or the President during that ceremony.

*Approved by Council, November 20, 2017*

Contest	Place	Gold Award Winner
CATCON 8	Nice 2022	Maria Chizhova, Germany <i>VRscan3D: ELearning software for Simulation of Terrestrial Laser Scanning and Photogrammetry</i>
CATCON 7	Prague 2016	Thomas Luhmann, Germany <i>Learning Photogrammetry with Interactive Software Tool PhoX</i>
CATCON 6	Mel- bourne 2012	Mark P. Imhof, Mathew T. Cox, Wayne Harvey, G.E. Heemskerk, and Christopher J. Pettit, Australia <i>Landscape Visualisation on the Internet</i>
CATCON 5	Beijing 2008	Robert Kaden, Germany <i>CityGML</i>
CATCON 4	Tokyo 2006	Parvatham Venkatachalam India <i>E-Tutot for GIS</i>
CATCON 3	Istanbul 2004	Jonathan Haig, Germany <i>Integrated Sensor Orientation Module</i>
CATCON 2	Amster- dam 2000	Pierre Grussenmeyer and Pierre Drap, France <i>ARPENTEUR</i>
CATCON 1	Vienna 1996	Joachim Höhle, Denmark <i>LDIP and ORTHO</i>

## The Karl Kraus Medal



The "Karl Kraus Medal" is a prize to honour the authorship of excellent textbooks in the scientific fields of Photogrammetry, Remote Sensing, and Spatial Information Sciences. The prize is dedicated to the memory of Professor Karl Kraus, a passionate teacher and author of a number of textbooks.

### Regulations

#### Article 1

The "Karl Kraus Medal" is awarded to authors of excellent textbooks in the fields of Photogrammetry, Remote Sensing, and Spatial Information Sciences, written in one of the official languages of the ISPRS, and published no more than eight years prior to the commencement of the ISPRS Congress at which the textbook is to be awarded. On each occasion a maximum of two prizes can be awarded.

#### Article 2

The prize shall consist of a medal and a certificate.

#### Article 3

The prize shall normally be awarded at each ISPRS Congress by the President of the ISPRS and a representative from the donating organizations: the German Society of Photogrammetry, Remote Sensing, and Spatial Information Sciences (DGPF), the Austrian Society of Surveying and Geoinformation (OVG), and the Swiss Society of Photogrammetry, Image Analysis, and Remote Sensing (SGPBF).

#### Article 4

Nomination of authors of textbooks from an Ordinary Member of the ISPRS, or by authors themselves, together with three copies of the nominated textbook, shall reach the General Secretary of ISPRS not later than six months prior the ISPRS Congress at which the textbook shall be awarded.

#### Article 5

The jury for the prize shall consist of:

1. a person, nominated by ISPRS Council and the President of the ISPRS Technical Commission, which is responsible for education in one of the areas of activity of ISPRS,
2. the chair of the Student Consortium of ISPRS, and

3. The chair, who shall be nominated by the three donating societies.

#### Article 6

The jury may consult experts prior making its decision, which shall be final. The jury is free to decide that no prize shall be made if there are no textbooks of sufficient merit.

#### The winners of the award

##### 2010:

The winner of the award for 2010 is ***Close Range Photogrammetry: Principles, Techniques and Applications*** by

**Thomas Luhmann**, (Institute of Applied Photogrammetry and Geoinformatics, University for Applied Sciences, Oldenburg, Germany), **Stuart Robson**, (University College London), **Stephen Kyle**, (Consultant; Hon. Research Fellow, University College London), and **Ian Harley**, (Emeritus Professor, University College London).

Published by Whittles Publishing, Dunbeath, Scotland.

##### 2012:

The winner of the award for 2012 is ***Airborne and Terrestrial Laser Scanning*** edited by

**George Vosselman**, (ITC, University of Twente, The Netherlands),

**Hans-Gerd Maas**, (Dresden University of Technology, Germany).

Published by Whittles Publishing, Dunbeath, Scotland.

##### 2016:

The winner of the award for 2016 is ***High Resolution Optical Satellite Imagery*** edited by

**Ian Dowman**, (University College London, UK), **Karsten Jacobsen**, (Retired Academic Director at University of Hannover, Germany), **Gottfried Konecny**, (Emeritus Professor, University of Hannover, Germany),

**Rainer Sandau**, (Retired from the German Aerospace Center (DLR), Adj. Professor at Baylor University, USA, Director of Satellites and Space Applications at IAA).

Published by Whittles Publishing, Dunbeath, Scotland.

##### 2020:

The winner of the award for 2020 is ***Photogrammetric Computer Vision - Statistics, Geometry, Orientation and Reconstruction*** by

**Wolfgang Förstner**, (Emeritus Professor, University of Bonn, Germany),

**Bernhard P. Wrobel**, (Retired Professor, Technical University of Darmstadt, Germany).

Published by Springer International Publishing, Switzerland.

## The Frederick J. Doyle Award



The ISPRS White Elephant “Knowledge Transfer” Committee and the ITC Foundation decided in 2010 to honour the exemplary career of Frederick J. Doyle as a role model to inspire followers and newcomers in the photogrammetry, remote sensing and spatial

information sciences and technologies. Highlights of Fred’s illustrious career included: As a Civil Engineer on a Fulbright Fellowship he attended the International Training Center (ITC) for Aerial Survey as the first student of ITC under Rector Schermerhorn. He was Chairman of the Department of Geodetic Sciences at Ohio State University. He received the NASA Exceptional Scientific Achievement Medal for the development of the Apollo Orbital Photo Science systems; was principal investigator on Landsat and Skylab; and led the scientific development and deployment of the Large Format Camera. As ISPRS President he diplomatically led international cooperation and collaboration within ISPRS and with its sister societies. For his many outstanding achievements and articulative roles in the profession as university educator, industry expert, government scientist, and professional society leader, he was granted Honorary Doctor Degrees in engineering, science and technology by four Universities, elected Honorary Member by ASPRS and ISPRS, and Honorary Fellow by ITC.

### Regulations

#### Article 1

The Award shall be known as The Frederick J. Doyle Award and shall consist of a silver medal and a monetary grant. It will be bestowed every four years to an individual who, like Fred Doyle, has exhibited outstanding and sustained qualities in the profession worthy of being emulated for inspiring new engineers and scientists to the ISPRS disciplines and has made

significant accomplishments in advancing the photogrammetry, remote sensing and spatial information sciences and technologies. Inspirational qualifications should ideally include achievements in research/development and education/training. A recipient of the award should typically be less than 50 years of age and have outstanding stature within the ISPRS community.

#### Article 2

Candidate nominations shall be made by an individual or organization adherent to the ISPRS. Every nomination shall include a brief description of the inspirational qualifications that the candidate has exhibited to merit the award. Nominations shall be submitted to the ISPRS President at least six (6) months preceding the Congress at which the award will be presented. Candidates may not self-nominate.

#### Article 3

The jury for the Frederick J. Doyle Award shall consist of the President of ISPRS (head of jury), Chair of the ISPRS International Science Advisory Committee, and the President of the ISPRS Commission responsible for Education and Outreach. The jury shall select only one candidate to receive the Frederick J. Doyle Award at each ISPRS Congress.

#### Article 4

The donated funds have been entrusted in a restricted investment account which shall be maintained by The ISPRS Foundation. The award shall consist of a silver medal and US\$ 2,500. As appropriate and with joint approval of Council and Foundation Trustees, the monetary grant may be increased in units of US\$ 500 based on accrual of interest and further donations in accordance with conservative endowment principles.

#### Article 5

The Frederick J. Doyle Award shall be awarded during an appropriate event at each ISPRS Congress by the ISPRS President and an ISPRS Honorary Member.

#### The winners of the award

- 2012 Christian Heipke, Germany
- 2016 Wolfgang Wagner, Austria
- 2020 Konrad Schindler, Switzerland



## ISPRS WEC Kennert Torlegård Travel Grant



### Deed of Award

#### Article I. Description of Award and Fund

ISPRS is the International Society for Photogrammetry and Remote Sensing.

The White Elephant Club (WEC) was founded on the occasion of the 60th birthday of Professor Armin Gruen. Its

founding meeting was held at Yildiz Hisar Club, Istanbul, Turkey on 18 July 2004 in conjunction with the XXth ISPRS Congress. WEC consists of previously or still active senior officers of ISPRS and other recognized persons with close relations to ISPRS. WEC has become recognized as an ISPRS ad hoc committee with the brief "knowledge transfer".

The aims of WEC are to support the missions and goals of ISPRS and to communicate and encourage young people to grow into potential "elephants" through their own activity. This should be based on friendship among the members. Meetings are convened on special occasions of commemorative events of the members, in conjunction with ISPRS Congresses, symposia and other related meetings.

The Award is known as the ISPRS WEC Kennert Torlegård Travel Grant.

The purpose of the Award is to support attendance at an ISPRS congress by a young scientist.

The Fund from which the Award is financed is known as the White Elephant Restricted Kennert Torlegård Travel Grant Fund, hereafter "the Fund".

The Fund was established as a restricted grant category in TIF to support young people to attend ISPRS events and especially the quadrennial ISPRS Congresses. This restricted grant category is financed by senior members of ISPRS who are members of WEC and wish to demonstrate their continued commitment to the aims and goals of ISPRS. It is named after the late Prof. Dr. Kennert Torlegård, a renowned Swedish photogrammetrist and President of ISPRS 1988-1992, who made substantial contributions in the areas of digital terrain models and surface modeling. By supporting outstanding young scientists worldwide to attend ISPRS congresses, the Fund will demonstrate the commitment of WEC to the future of ISPRS. The support for these young people will encourage and equip them to take over leadership in ISPRS in the future. Members of WEC donate generously to the Fund to enable TIF to support as many young people as possible to attend ISPRS events.

The first awards financed by the Fund were made at the XXIIIrd ISPRS Congress in Prague in July 2016.

Awards financed by the Fund are administered and presented by The ISPRS Foundation (TIF).

Acknowledging the contributions of late Kennert Torlegård to the further developments of ISPRS, WEC has undertaken to donate every year at least USD 1000 to sustain the Fund for the period 2020-25. In 2024 the financing of the Fund will be reviewed.

The Fund may be supplemented from TIF unrestricted donations if necessary, provided that this step is approved by TIF's Executive Committee.

The goal is to make at least one Award to support attendance at each ISPRS Congress.

The number of Awards is decided by TIF Executive Committee. Hereafter, whenever, "Award", "candidate", "recipient" etc. are written, they should be construed as being plural where appropriate.

The Award will consist of a certificate and a cash grant in US dollars.

Awards will continue to be made as long as they are supported by the Fund. The Fund will continue as long as restricted donations are made to TIF.

#### Article II. Eligibility

The Award is made to a young scientist, whose eligibility is determined by the Selection Committee defined in Article IV below.

The candidate must attend the ISPRS congress for which the Award is being made.

To be eligible for the Award, the candidate must have produced a high-quality paper in the areas of digital terrain modelling, surface modelling or related topics. This paper can be the one that the candidate plans to present at the ISPRS congress for which he/she is applying for the Award, provided that it has been accepted by the congress organizers for presentation and inclusion in the ISPRS Archives or Annals.

#### Article III. Application

Applicants must submit an application in accordance with the instructions given by TIF when the Award is announced or marketed.

The paper(s) referred to in Article II.C above must be provided as part of the application. The candidate may provide more than one such paper in support of the application.

The deadlines for applications are given on TIF's web pages.

#### Article IV. Selection Committee

The Award Selection Committee consists of three persons: a TIF trustee, who will be chosen by ISPRS Council; the President of WEC; and the Chair of the Board of Trustees of TIF.

The Committee evaluates each applicant. The applicant(s) who, in the opinion of the majority of the Committee, has/have the highest overall ranking is/are designated as the winner(s).

The Operations Officer of TIF will communicate the name(s) of the successful applicant(s) to ISPRS by whatever predetermined deadline will be in effect.

**Article V. Presentation**

The winner of the Award will be promptly notified of their selection, prior to the date of the Award presentation, by the Operations Officer of TIF.

The presentation of the Award will take place during the ISPRS congress.

**Article VI. Management**

The title of the Award is the property of TIF.

TIF is responsible for managing the Fund and the total investment return derived therefrom.

**Article VII. Changes**

At such time as any part of this Deed of Award is found inapplicable to existing conditions, TIF may consider

and establish appropriate modifications to this Deed. TIF requires the approval of ISPRS and WEC for these changes.

**Article VIII. Other**

It is expected that the recipient will prepare a report about his/her experience at the congress for publication in ISPRS/TIF websites and newsletters. The deadlines for this report is published on TIF's web pages to allow for timely publication in the above media. If there is more than one recipient, a joint report is required.

*Approved by TIF and ISPRS Council on February 19, 2021*

2022 not awarded

## ISPRS Guidelines

### Guidelines for Candidates for Members of Council

Individuals from any Member organization are eligible for nomination and election to positions on Council, but there are some practical considerations which must be taken into account.

1. Service as a member of the ISPRS Council is considered an honour. That means that it does not provide any salary to the incumbent. It is also a time-consuming function. The President, the Secretary General, and the Congress Director could easily spend full time on the tasks. However, realistically, one quarter to one half time is required by these positions. The Vice President and the Past President and the Treasurer find that somewhat less time is required. Potential members of Council must be prepared to make these commitments of time.
2. It is essential that Council Members, particularly the President and Secretary General, are provided with secretarial assistance, preferably multilingual, but at a minimum, fluent in English. Experience has shown that about half time help is required. In general, it has been very difficult for the Society to pay salaries for secretarial assistance. Consequently, it is desirable that the Member association or the Council member's employer is prepared to provide this amount of secretarial help.
3. Council members are required to attend two Council meetings per year. These will usually rotate between the home locations of the officers and or the location of major ISPRS events. It is also desirable that Council members, particularly the

President, Secretary General and Congress Director attend some or all of the inter-Congress Technical Commission symposia. This means that Council members must be free to undertake international travel.

4. The Society operates on a very limited financial basis. It is therefore very useful if the officer's Member association or employer is prepared to support the international travel expenses required. However, no worthy individual would be rejected as a Council member because of inability to provide his/her own travel expenses.
5. Financial arrangements for the Society's Congress are the total responsibility of the host member. The Congress Director's related expenses for travel, secretarial assistance, communications, etc. cannot be borne by the Society and should therefore be part of the Congress budget.
6. Annual fees of Members to the Society are paid in Swiss francs, Euros or US Dollars. These funds are currently deposited in a Swiss bank account. It may also be feasible to have a bank account under the name of the Treasurer, and in his/her home location. Because the Society expenditures are international in scope, it is essential that the Treasurer be from a nation having freely convertible currency.

Members planning to nominate Council members should keep these considerations in mind.

*(3. Jan. 2024, CH)*

### Guidelines for Members Planning to Host an ISPRS Congress

Member organizations willing to host a Congress of the International Society for Photogrammetry and Remote Sensing should consider the following items which are looked upon as prerequisite for a successful Congress operation:

1. The Member organization should designate an individual to serve as Congress Director who will have final responsibility for all aspects of the Congress operation. The Congress Director will establish a Congress committee which will organize the scientific-technical programme, all financial aspects, the secretarial work, the scientific exhibit, the technical tours, the social events, the program for family members, and attend to special tasks such as press relations, travel bureau relations, etc.
2. The scientific-technical programme shall be supported by an International Programme Committee, chaired by a person of high scientific reputation appointed by Council. The other members of the International Programme Committee comprise the Congress Director, the Presidents and Vice-Presidents of the Technical Commissions and further qualified individuals as deemed necessary.
3. The Member organization will have complete financial responsibility for all aspects of the Congress organization. The Society does not provide any funds for this purpose. Although budgeting arrangements will differ from one member to another, it has been customary that

one-third of the Congress expenses is met by registration fees for individual participants, one-third by the fees paid by commercial exhibitors, and one-third by government subsidies with a total budget of about 3.5 million Swiss Francs.

4. The Member organisation will be expected to attract funds from sponsoring organisations to support the attendance at the Congress of a significant number of participants from developing countries.
5. The Member organisation and the ISPRS will sign a contract for Congress. A sample contract can be found [here](#).
6. In order to accommodate the Congress, the following physical facilities are required (more details can be found in the sample contract):
  - Hotel accommodation and restaurant facilities for approximately 2,000 persons with access to the meeting facility by public transport.

- One large meeting room for the opening ceremonies and plenary sessions to accommodate approximately 2,000 persons.
- At least two meeting rooms for technical sessions with a capacity of approximately 500 persons in each room.
- One room with capacity of 200 to 300 for the General Assembly. This room may also be used for technical commissions provided there is no time conflict.
- Several smaller meeting rooms for other technical commission meetings.
- A small office for each of the Technical Commission presidents and secretaries.
- Small meeting rooms or offices to conduct the business of the Council of ISPRS. Typing, copying and clerical service for the President and Secretary General.
- An exhibit hall to accommodate a net commercial exhibit of about 3000 m<sup>2</sup>

## ISPRS Financial Policy including ToR for Financial Commission

### Background

Financial planning and management within ISPRS consist of the establishment of an annual budget, regular reports by the Treasurer to the Council and the General Assembly, and formal operating policies and procedures.

This document is divided into two parts: [Part 1. Financial Planning and Budgeting](#), and; [Part 2. General Accounting and Operating](#), and shall be used to document ISPRS's financial philosophies.

Oversight and review of the financial policy is ultimately the responsibility of the Council and the Financial Commission, and an outside auditor may periodically be requested to review and/or approve this document.

This document reflects policies and procedures in effect at the time of preparation. Routine modifications to ISPRS systems, processes and officers may affect future policies and procedures, and, as a result, this document should be reviewed at least on a quadrennial basis.

### Part 1. Financial Planning and Budgeting

- A. Fiscal Accounting Method: ISPRS uses the cash basis of accounting to recognize income when it is earned and expenses as they are incurred. In addition, ISPRS utilizes monthly cash flow analysis, to forecast resource availability and to minimize the use of custody accounts (reserve funds) during

the period of the year with minimal cash flow income.

- B. Fiscal Year Cycle: ISPRS operates on a calendar year of 01 January to 31 December. Annual budget preparation begins with Council input and preparation during the late summer and fall. Using current-year income and expense reports, the Treasurer projects income and expenses in a conservative manner. In addition, budget projections are reviewed and modified at mid-year by the Treasurer and approved by all Council members with highlighted changes (compared to the budget).
- C. ISPRS Custody Accounts: ISPRS has four custody accounts which are investments designed as reserved accounts, and not intended for general operational expenses. Use of these funds may be used only by documented approval from Council.
- D. Timely Payment of Invoices: Although more of an accounting policy than a planning tool, it is critical that invoices be routinely paid on time. The Treasurer's goal is to pay invoices within 30 days of the invoice receipt.
- E. Conservative Budgeting: It is prudent financial planning to under-budget for income and over budget for expenses. With this philosophy as a general guide, ISPRS has elected to budget expected revenue flow from meetings, including Congress, Geospatial Week and mid-term

Commission Symposia, in a conservative manner. Similarly, membership retention estimates will be made conservatively, with the result that dues income will not be overestimated. All budgeting will take into consideration the prior year actual figures, with adjustments made as appropriate. Expenses will be analysed by category and programme as a percentage of expected revenue, and amounts to be held in reserve will be identified as a budgeted item.

- F. Memorandums of Understanding and Long Term Agreements: While it may be desirable from time to time to enter into long term relationships with other organizations and individuals, including those for the conduct of meetings and conferences, publications, professional development, etc., it is critical that ISPRS address the financial and fiscal implications of those relationships. In order to ensure that the full organizational interests are addressed by these arrangements, and to maximize organizational buy-in to any agreement, such agreements must be documented in writing, include a budget that projects reasonable net proceeds, and be approved by the Council and/or the General Assembly (GA), as appropriate.
- G. Publications: Historically, ISPRS has published many titles of great importance to the photogrammetry, remote sensing, and spatial information sciences community. These publications have involved significant contributions by ISPRS members, and have generated some income for the organization.
- H. Reserve Cash Account: It is the desire of the Council to maintain a cash reserve account as a buffer to minimize the need to access the Custody Accounts. Based on typical Society recommendations, the target level for total operating reserves is six to twelve months of expenses based on the previous two-year cash levels (i.e. approximately 12.000 CHF, 5.000 USD, 6.000 EUR).
- I. Custody Accounts: It is the desire of the Council to maintain a reserve within the custody accounts equivalent to the full, unhindered operation of the Society for a quadrennial term. Based on the four-year budgeting process, the target level for total custody account reserves is a minimum of CHF 500k.
- J. Financial Commission (FC): The appointment of a volunteer Financial Commission separate from the Council and the Treasurer is intended to provide volunteer oversight to the financial policies of the Society. The role of the Financial Commission of ISPRS shall be advisory and consultative, and shall involve the following responsibilities:
  - To annually examine/inspect the financial records, the annual financial reports to ensure that all the financial records are well documented (maintenance of records, bank statements, expenses, etc.), that revenues and expenses are based on appropriately taken decisions and that all the required documentation is in order and available. The findings are reported to Council no later than 31 May of each year.
  - To advise Council and the GA on Guidelines of financial policy as well as on setting up a four-year Budget Programme and categorize expenses and assigning upper limits of each expense category as percentage of the projected income.
  - To advise Council on all financial matters, including placement of investments and size of reserve, at any time upon the request of the Council.
  - To advise Council of the appropriateness of the annual budget prepared by the Treasurer and approved by Council.
  - To perform random sample checks on expenditure when it is considered necessary.
  - To meet the Treasurer and Council at least once during its four-year term to discuss financial policy.
  - To advise Council on proposals for new expenditure or new proposals that incur additional expenditure by the Society.
- K. Financial Review Process: The Treasurer shall recommend and Council shall approve a periodic financial review process; the Treasurer shall communicate with the reviewing body the scope of work and desired evaluation documents. Electronic or telephonic meetings are acceptable. The Treasurer shall have the authority to engage other advisors (for example, legal services) as deemed necessary. The Treasurer shall provide a report to FC, and after FC's approval, a report to Council prior to any action.
- L. Certification of Financial Information: The Treasurer is required to certify that the financial information prepared for any internal or external use fairly presents, in all material respects, the Society's financial conditions and is free of misstatements and/or omissions. The Treasurer must also acknowledge responsibility for, and represent that the system of internal control is adequate and appropriate for the organization and in compliance with this policy document. The Treasurer must also certify annually that there



have not been any breaches of fiduciary duty or similar violationPart 2. Accounting and Operating

- A. Financial Review and Internal Controls: A Financial Review may be conducted by a third party at the discretion of Council. The resulting review should be completed by 31 July, with a report issued to the Council. Adequate internal controls are to be maintained to routinely provide for the deliverance of a clean Financial Review.
- B. Chart of Accounts and Cash Flow Projection: An automated cash flow document will be maintained which accounts for the cash available to pay invoices and cover all items on the Chart of Accounts on a monthly basis. The document is currently a spreadsheet and utilizes data from the annual budget. The document is made available to Council members using electronic transmission prior to Council meetings.
- C. Income Projection: It is critical that income projections for publications, advertising, subscription payments, and miscellaneous income be monitored at least monthly. This review will be done by the Treasurer, and adjustments to income projections will be made, as necessary; the Cash Flow document will be updated at the same time.
- D. Accounts Receivable: At least three times per year, a full summary of Subscriptions in arrears (or deep arrears) and accounts receivable (AR) will be reviewed by the Treasurer, with the goal of reducing the aged accounts receivable to a minimum. A standard set of letters is employed in the follow-up to this process. Where good efforts at collection have failed, aged accounts will be reviewed by Council, and actions and policies will be developed concerning the appropriate status of delinquent parties.
- E. Purchase Approvals: All purchases must have a written request (email is acceptable) on file prior to the actual order or acquisition. Exceptions to this policy are only for purchases under CHF 500, for purchases using credit cards during meeting and travel events, or for purchases covered by pre-signed (contractual) agreements of an ongoing nature. Non-recurring expenditures over CHF 500 or unbudgeted purchases (for example, contract services, publications, advertising, etc.) of any amount must have the approval of the Treasurer (or designated alternate).
- F. Debt: It is the policy of ISPRS to maintain a debt-free operation. Instances where execution of deficit budgeting making good fiscal sense are to be brought to the attention of the ISPRS Treasurer and Council at the earliest opportunity.
- G. Communication with Council: The Annual Report will be approved by all members of Council and FC. Financial problems, both extant and potential, are identified and highlighted for the Council as soon as they become known to enable Council to work jointly to address those problems.
- H. Accounting for Meetings and Conferences: In order to clearly understand the fiscal impact and budget of Congress, Geospatial Week and Commission Mid-term Symposia, separate accounting for all meeting revenue and expenses shall be established. A copy of every finalized contract will be provided to the Treasurer. Accurate accounting of staff effort as well as general and administrative expense is made so as to isolate the individual costs of the conduct of meetings and to clearly account for any resulting net income. Meeting account balances are clearly defined on the cash management reports to allow distinction of those expenses to be paid from general operating funds from those payable from meeting funds.
- I. Reimbursement of Travel Expenses: Travel expenses for Council and designated individuals are kept to the minimums required to effectively conduct business, and are reimbursed at actual expense. Travel expenses for approved volunteers are reimbursed in accordance with Reimbursement Policy (See [Attachment A](#)) for attendance at Meetings. Other volunteer travel will typically be at actual expense for transportation and hotel, with meals either provided by ISPRS or reimbursed at actual basis. Original receipts are required whenever possible for all expenses claimed. Where possible, complimentary or staff rate hotel rooms should be utilized at conferences. Travel resulting in expense reimbursement must be via memorandum or email (budget estimate) for all days where ISPRS meetings or business requires the individual's attendance. When appropriate, intervening days between meetings may also be covered. Auto mileage will be reimbursed at the currently defined US-IRS rate.
- J. Donations of support should be provided to the Treasurer for accounting, the year-end reports, and the ISPRS tax return.
- K. Contracting Authority: Contracting authority is limited to budgeted activities, as modified and approved by the Council throughout the year.
- L. Credit/Debit Card Expenditures: A credit/debit card is issued to the Treasurer as authorized by the Council. The Credit card is to be used only for ISPRS-related expenses; statements are reviewed monthly by the Treasurer prior to payment. Credit card statements and supporting documentation

are available for inspection by the ISPRS Council at any time.

- M. Accounting for Programme Activities: Where economically and logistically feasible, expenses will be tracked by programme areas (i.e. Subscriptions, Publications, etc.). Tracked expenses will include, but not be limited to postage, long distance telephone charges, shipping, and printing.
- N. Records Retention: It is the policy of ISPRS to retain business records in accordance with federal and state requirements (as per incorporation instructions) and in compliance with good business practices, as advised by legal counsel, the auditor and/or outside accountants. Prior-year's ISPRS records are managed by the current Treasurer.
- O. Required Compliance Reporting: To comply with US-IRS and the State of Maryland Federal and State taxation regulations, several forms must be filed by the Treasurer on a yearly basis to maintain ISPRS's tax-exempt status. Copies of these reports are available for Council review at any time. The minimum required forms are:
  - a. Federal Form 990 (Organization Exempt from Income Tax)
  - b. State of Maryland (Annual Update of Registration)
  - c. State of Maryland (Annual Update, Exempt Organization for Fund Raising)
  - d. Federal Form TD F 90-22.1
- P. Conflict of Interest: It is the policy of ISPRS that the Council and designated volunteers representing ISPRS are expected to avoid any actual or apparent conflict between their own personal interests and the interests of the Society. A conflict of interest can arise when someone participates in decisions, takes actions, or has personal interests that may interfere with his or her objective and effective performance of work for the Society.

## Attachment A

SUBJECT: ISPRS Reimbursement Policy for Council and Approved Volunteer Travel

The following is the Society's policy for reimbursing Council members and approved volunteers for their travel expenses associated with attending an ISPRS supported meeting. This document restates and updates existing policies.

- ISPRS will reimburse 100% of round-trip economy airfare and ground transportation costs (e.g., airport shuttle, airport parking, and ground transportation to and from airport to a meeting facility).
- Airline (or other types of transportation) ticket receipts (documented proof of payment) for travel expenses **MUST** accompany the request for expense reimbursement.
- If a Council member opts to drive to the meeting location as a cost-saving measure, ISPRS will reimburse for mileage at the US-IRS business-expense rate in effect at the time of the incurred travel.
- ISPRS will reimburse documented on-site expenses (e.g., food and lodging). Additional expenses, for example, laundry during extended meetings, taxis and other transportation must be clearly itemized on the Expense Report.
- Expenses involving spouses or travel companions are not reimbursable, and must be separated out and documented as necessary on the applicant's expense report. Expenses involving social gatherings, special events, guest meals, and non-Council person expenses will not be reimbursed without adequate documentation supporting the goals of ISPRS business.
- In accordance with the 15 October 2008 Council action, Council or other Approved Travel reimbursement requests and receipts must be submitted to the ISPRS Treasurer within 180 Calendar Days after the meeting's conclusion in order to be eligible for reimbursement. This policy is firm, and only the full Council may issue a waiver.

Any questions regarding the ISPRS travel expense reimbursement policy should be directed to [the Treasurer](#).

*Approved by ISPRS Council – Antalya, 14 November 2013*

## ISPRS Spending Policy

The limited financial means of the Society require a restrictive spending policy concerning all officers of the Society and other persons charged with the conduction of ISPRS business. Spending shall always be directed at achievements of aims of the Society. These guidelines have been compiled in order to ensure a consistent spending policy for ISPRS.

1. Service as a Member of ISPRS Council is considered an honour. Therefore, no salary or honorarium payment shall be provided to Council Members.
2. The payment of salary / honoraria to other persons charged with the conduction of ISPRS business should be justified by a full business case and approved by ISPRS Council.
3. Each Council Member should actively seek the support of his/her association or employer, or other appropriate third-party, for travel and Council related expenses. The Congress Director's expenses are to be totally covered in the Congress budget and/or by the host member of the Congress.
4. Any person charged with the conduction of ISPRS business should seek alternative sources of funding to support travel and related expenses wherever feasible. Travel resulting in expense reimbursement must be authorised by Council in advance as part of the budgeting process. ISPRS does not reimburse expenses incurred by a person's spouse or partner accompanying them on ISPRS business travel.
5. With the growth of the Society, Council's tasks are increasing and widening over time, both in depth and extent. In the interest of optimal use of Society funds, the number of Joint Meetings of Council with Commission Presidents should be restricted to one per year. Similarly, Council should strive to convene its formal Council Meetings only twice per year.
6. The support of Council by local organizers of Congress, Symposia and Working Group events is strongly encouraged and both Joint and Council Meetings should preferably be held in conjunction with other events, such that tasks can be combined and travel time and money saved.
7. Council is encouraged to maximize the use of remote communications (e-mail, facsimile, teleconferencing, Skype, etc.) to conduct its business.
8. ISPRS supported Council travel should be limited to the Society's core business. Attendance of Council Members at non-ISPRS meetings should be approved by the President and considered with care.
9. If ISPRS funds are used for travel support, the most cost-efficient option should be chosen in order to minimise travel expenses for airline tickets, ground transportation, accommodation, subsistence, etc. All flights must be Economy class, bar in exceptional circumstances with the prior written approval of the President.
10. Receipts are required for all expenses claimed, bar in exceptional circumstances with the written approval of the President.
11. Expenses, honoraria etc. are reimbursed by bank transfer and may incur charges by the recipient's bank. The payment of any such charge is the responsibility of the recipient.
12. In their budget projection and accounting of spending, each Council Member should itemize expenses separately into categories of communications, travel, and miscellaneous. Budget projections of each Council member should include their planned travel for the forthcoming year

These guidelines have been approved by the ISPRS Financial Commission on November 11, 2013.

## Strategic Plan for ISPRS Publications

### ISPRS publications

*ISPRS Journal of Photogrammetry and Remote Sensing (IJPRS)*

*ISPRS Open Journal of Photogrammetry and Remote Sensing (IOJPRS)*

*ISPRS Journal of Geo-Information (IJGI)*

*ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*

*The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*

*ISPRS Book Series*

*ISPRS eBulletin*

*ISPRS Web Site*

*GIM and Geoinformatics Pages*

*ISPRS Social Media*

### The Role of ISPRS Publications to Fulfil the Vision and Mission of ISPRS

#### Vision

Publications of the International Society for Photogrammetry and Remote Sensing (ISPRS) will be the scientific voice of the Society for the acquisition, processing and analysis of geospatial information addressing technical, commercial, environmental and

societal benefits. Our journals will be peer-reviewed, indexed and recognized among the top five journals of our field. We will promote open access of our publications with a full paper and abstract reviewing, a state-of-art web site and active use of social media for broadest dissemination of information on emerging technologies, innovative methods, landmark research, best practices and activities of ISPRS Commissions and Working Groups. We envision our publications as the highest quality representations of our society and best means of global communication, recognizing ISPRS as the foremost international scientific society in the fields of photogrammetry, remote sensing and spatial information sciences.

### **Mission**

Publications of the International Society for Photogrammetry and Remote Sensing (ISPRS) support its mission to advance geospatial science through international cooperation in research, development and education for the benefit of society and for environmental sustainability. Three aspects of this mission addressing publications are:

1. to support our peer-reviewed international journals (*IJPRS*, *IOJPRS*, *IJGI*) with excellent editorial resources, expert reviewers and best publishers to ensure highest quality, integrity and cutting-edge content of reported science.
2. to ensure wide international circulation of the results of research and the records of discussion by publication of the abstract-reviewed *ISPRS Archives* and the full paper double-blind peer-reviewed *ISPRS Annals*, which shall form the record of Congresses, Symposia and other scientific meetings of the Society;
3. to publish and circulate an e-Bulletin, maintain a web site and actively pursue other communications such as social media to remain relevant to the interest of the Society and the community at large; and
4. to publish books of a variety of types including edited collections of high-quality scientific papers, authored research monographs, textbooks and tutorials (*ISPRS Book Series*).

### **Implementing the Vision – Ongoing Functions and Actions**

#### **Promote excellence in quality of the flagship peer-review journal of ISPRS, the *ISPRS Journal of Photogrammetry and Remote Sensing (IJPRS)***

- Aim to top the Thompson Reuters Remote Sensing league table.
- Support the *IJPRS* Editors-in-Chief (EiC) to ensure the selection of manuscripts of the highest international scientific quality through optimal

management of Associate Editors, liaison with the chosen publisher and close communication with Commission Presidents.

- Support an adequate number of *IJPRS* Associate Editors (AEs) to ensure the highest quality of manuscript review in terms of scientific content, presentation and timeliness of processing from submission to publication.
- Provide opportunities for Commission Presidents and other interested individuals to be Guest Editors of special issues focussed on critical, emerging and beneficial scientific topics.
- Provide global access to *IJPRS* articles through hybrid publication of the journal, with close monitoring of the rapidly developing open access market.
- Provide benefits to ISPRS Sustaining Members through the opportunity for Journal/Web advertising.
- Encourage a geographic diversity of submissions without compromising the quality of the journal, e.g. through special issues with focus on currently underrepresented areas such as Eastern Europe, Africa and South America, in order to enhance our readership and contribution to society worldwide.

#### **Promote excellence in quality of the open-access, peer-review journal of ISPRS, the *ISPRS Open Journal of Photogrammetry and Remote Sensing (IOJPRS)***

- Aim to have the new open access journal included into the relevant database indices within the next few years.
- Support the *IOJPRS* Editors-in-Chief (EiC) to ensure the selection of manuscripts of the highest international scientific quality through optimal management of Associate Editors, liaison with the chosen publisher and close communication with Commission Presidents.
- Support an adequate number of *IOJPRS* Associate Editors (AEs) to ensure the highest quality of manuscript review in terms of scientific content, presentation and timeliness of processing from submission to publication.
- Provide opportunities for Commission Presidents and other interested individuals to be Guest Editors of special issues focussed on critical, emerging and beneficial scientific topics.
- Develop a competitive pricing strategy for authors to maintain societal interest and ability to publish in the open-access *IOJPRS*.
- Provide authors of developing regions with financial assistance to assist with author costs of publications associated with the online, open access publication format.

- Provide benefits to ISPRS Sustaining Members through the opportunity for Journal/Web advertising.
- Encourage a geographic diversity of submissions without compromising the quality of the journal, e.g. through special issues with focus on currently underrepresented areas such as Eastern Europe, Africa and South America, in order to enhance our readership and contribution to society worldwide.

**Promote excellence in quality of the open-access, peer-review journal of ISPRS, the *ISPRS Journal of Geo-Information (IJGI)***

- Ensure high quality publications in *IJGI* to promote citations, reviews and database indexing leading to an Impact Factor above 3.0 and high ranking among geospatial journals.
- Support *IJGI* Editor-in-Chief (EiC) and the Associate Editors (AEs) to allow excellence in selection of manuscripts of the highest quality and best scientific information, liaison with publisher and close communication with Commission Presidents.
- Provide opportunities for Commission presidents and other interested individuals to be Guest Editors of special issues focussed on critical, emerging and beneficial scientific topics with special emphasis on spatial information science.
- Develop a competitive pricing strategy for authors to maintain societal interest and ability to publish in the open-access *IJGI*.
- Provide authors of developing regions with financial assistance to assist with author costs of publications associated with the online, open access publication format.
- Provide benefits to ISPRS Sustaining Members through Journal/Web advertising.
- Encourage a geographic diversity of submissions without compromising the quality of the journal, e.g. through special issues with focus on currently underrepresented areas such as Eastern Europe, Africa and South America, in order to enhance our readership and contribution to society worldwide.

**Ensure global circulation and access of research results presented at Congresses, Symposia and other scientific meetings of the Society in the peer-reviewed *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences***

- Promote indexing of the *ISPRS Annals*.
- Provide assistance to Commission Presidents to allow excellence in selection of manuscripts of the highest quality and best scientific content through a full paper double-blind review process.
- Promote wide access to the *Annals* through online, open access on the ISPRS website.

- Provide benefits to ISPRS Sustaining Members through Journal/Web advertising.

**Ensure global circulation and access of research results presented at Congresses, Symposia and other scientific meetings of the Society in *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences***

- Promote indexing of the *ISPRS Archives*.
- Provide assistance to Commission Presidents to allow high quality publication of manuscripts presented at meetings of the Society through an abstract review process.
- Promote wide access to the Archives through online, open access on the ISPRS website.
- Provide benefits to ISPRS Sustaining Members through Journal/Web advertising.

**Promote excellence in quality of the ISPRS Book Series**

- Provide the opportunity for Commissions and Working Groups to publish research results, monographs and reviews in high quality book publications.
- Promote wide access to the ISPRS Book Series through publication of eBooks and online distribution on the ISPRS website.
- Provide benefits to ISPRS Sustaining Members through Journal/Web advertising.
- Provide financial return to ISPRS Book Series authors through royalties.

**Promote excellence in quality of the ISPRS eBulletin**

- Provide the opportunity for Council, Commissions, Working Groups and other interested individuals to publish announcements, meeting reports and other society news.
- Promote wide access to the ISPRS eBulletin through online distribution on the ISPRS website and distribution through email lists, comprising all ISPRS members and other individuals.
- Provide benefits to ISPRS Sustaining Members through Journal/Web advertising.

**Promote the creation and maintenance of an excellent web site**

- Provide resources for an ISPRS Web Master to design and maintain a state-of-art web presence for access to information about ISPRS, publications, activities of Commissions and Working Groups and opportunity for Sustaining Member advertisement.



### **Promote wide spread information distribution through relevant and timely contributions in GIM and Geoinformatics**

- Provide high quality short articles to the geospatial magazines GIM (bi-monthly) and Geoinformatics (twice a year) on topics relevant to the readership of the two magazines and to ISPRS.

### **Make use of Social Media**

- Maintain an ISPRS presence on Social Media (e.g., Facebook, LinkedIn, Twitter and Instagram) to broaden communication and remain relevant.

- Identify individuals within ISPRS leadership (Council, TCPs, WG Chairs) willing to submit content to ISPRS Social Media outlets in advance of, during and immediately following ISPRS events.
- Coordinate Social Media activity with the ISPRS Student Consortium to encourage student and young professional involvement in ISPRS events, awareness of opportunities and recognition for awards and achievements.
- Coordinate Social Media activity with ISPRS Sustaining Members to provide additional opportunities for advertisement, announcements and recognition for donations and support.

*ISPRS Council, November 27, 2021*

## **ISPRS Policy with Respect to the Pre-Publication of Papers submitted to**

- ISPRS Journal of Photogrammetry and Remote Sensing
- ISPRS Open Journal of Photogrammetry and Remote Sensing
- ISPRS International Journal of Geo-Information
- ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences (ISPRS Annals)
- The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences (ISPRS Archives)

### **The issue**

There is a growing tendency in neighbouring disciplines to post manuscripts in public repositories such as arXiv (or indeed the home page of the author) before, during or after submitting the manuscript for publication to a conference and/or scientific journal. The reasons are not exactly clear, but certainly include:

authors want to prove that they are the originator of a certain idea,  
the formal reviewing process is at times very long, too long for some PhD students,  
public repositories are part of the open-access publication policy.

This policy is encouraged (and sometimes enforced) by many donors and universities, partly due to the high price of scientific journals, partly with the argument that research results which are obtained with public money need to be available to the public free of charge, while at the same time authors need publications with a high impact factor. As a consequence, there is a need for ISPRS to formulate a policy on how to deal with such cases. In order to assess the views of the community, ISAC was asked for comments, and so were the editors of the ISPRS scientific journals.

### **ISPRS policy on pre-prints in public repositories**

ISPRS recognizes the increase in popularity of publishing technical reports in public, non-commercial repositories such as arXiv. As a result, a paper submitted to an ISPRS Journal or an ISPRS scientific meeting may already be available to the community, and during the review process the authors of a paper may be known to the reviewer. As decided during the ISPRS Council Meeting on March 19, 2017, papers posted in arXiv and similar repositories, including the home page of the authors, are not considered prior work. As a consequence, authors are not required to declare whether or not they have posted a paper in such repositories, however, they can declare a posting if they wish to do so. A reviewer should review such a paper as if the paper in the repository did not exist. Citations to papers in the repository are not required and failing to cite them or beat the performance of algorithms etc. described therein are not grounds for rejection. Reviewers should make every effort to treat papers fairly whether or not they know (or suspect) who wrote them, while at the same time not giving away their own identity.

### **Rationale**

While formulating this policy, ISPRS Council was guided by the following four considerations:

If one sets up rules, one needs to be able to enforce them and reprove anybody working against them. As a consequence, ISPRS should not ask authors whether or not they have posted their manuscript on the repository at the time of submission. Exact timing is irrelevant, and while the answer may have been correct at the time it was given, the author may still post the manuscript shortly afterwards (and before the end of the review process).

Rules must be simple. Otherwise, everybody will lose the overview. This also means that ISPRS needs

identical rules for the journals and the scientific meetings. As a consequence, ISPRS should not differentiate between the different publications, but treat them all equally; although the review process for the journals is single-blind (meaning that the author does not know the reviewer, but the reviewer does know the author), while for the Annals it is double-blind. If authors want to maintain anonymity, they can do so by not posting the manuscript on a public repository.

Compared to computer vision, (visual) robotics and remote sensing (beyond topographic mapping), the ISPRS core community is relatively small. There are already ample indications that in particular young scientifically minded authors prefer the other communities because of better visibility and career

opportunities. If ISPRS imposes policies that authors do not like, and that other outlets do not impose, authors will publish somewhere else, and this will harm the ISPRS publications and consequently the ISPRS community.

ISPRS obviously needs to honour the legal contracts with journal publishers. In this regard, Elsevier allows authors of the ISPRS Journal of Photogrammetry and Remote Sensing to put manuscripts on public repositories at any time, as long as the layout is not identical to that of the final journal paper. For the open access journals run by ISPRS the same applies.

*Published in the ISPRS eBulletin No. 3, 2017*

*Amended March 26, 2021 and January 03, 2024*

## Guidelines for Hosting a Technical Commission

*Version June 2024*

### 1. Introduction

Technical Commissions (TCs) are hosted by Ordinary Members. Members wishing to host a TC should submit an application to ISPRS according to the instructions given in this section. Council will welcome applications from two members to jointly host a TC, or for separate hosting of TCs, but joint organisation of Symposia. Members making an application must be fully conversant with the responsibilities of hosting a TC and of the responsibilities and the duties of the Technical Commission President (TCP) and the Vice-President of the Commission (Vice-TCP) as set out below.

### 2. Major Responsibilities of Technical Commissions

The responsibilities and the main tasks of a Technical Commission are defined in Statute XIII and Bylaw XIII of ISPRS.

The member organisation will have complete financial responsibility for all expenses incurred by the work of the Commission. When submitting an application to ISPRS for hosting a Commission, the member must demonstrate that the necessary resources are available.

Technical Commissions are expected to host a Symposium between Congresses.

The TCP and the Vice-TCP should be able to spend considerable time on Commission work, especially during the months prior to the Symposium and the next Congress. TCP and Vice-TCP agree on how the work load is to be shared. The overall responsibility for running the TC rests with the TCP.

It is essential that the Commission be provided with English speaking secretarial assistance. About 30% of the secretary's time will be needed for Commission affairs. The tasks of the Commission Secretary should

be undertaken by a person who can work in close cooperation with the TCP.

The TCPs and the Vice-TCP must be free to undertake international travel. Once of them is expected to attend annual joint meetings (JM) with the ISPRS Council between Congresses. They will also be expected to attend a planning meeting of one or two days immediately after the Congress and all applicants must plan their travel schedules to allow for this possibility. In addition, it may be necessary to hold Commission Board meetings with Working Group officers. All travel expenses of the TCPs and Vice-TCPs must be financed by the host member(s).

The host member(s) will be required to sign a contract with ISPRS. This will set out the responsibilities of both parties. A model contract is provided in [appendix 1](#).

### 3. Applying to Host a Technical Commission

Members wishing to host a Technical Commission for the next four-year period shall submit an application to the ISPRS Secretary General at least four months before the Congress. The application shall contain the following information:

- name(s) of Ordinary Member(s) making the application;
- names of the proposed Technical Commission President (TCP) and Vice -President (preferably from another Ordinary Member) and the Scientific Secretary (max. one each );
- a provisional plan for financial and management arrangements;
- a provisional plan for technical meetings (Symposium, contribution to Geospatial Week, workshops etc.);

Before the General Assembly of ISPRS decides to allocate a Commission to an Ordinary Member, the

proposed TCP shall present to the General Assembly the details of the proposal as set out above.

In electing the Ordinary Member or group of Ordinary Members to be entrusted with the responsibility for the work of a Commission, the General Assembly shall take into consideration all relevant factors, including in particular:

- the various candidate Ordinary Members willing to undertake the responsibility;
- the scientific and technical ability available to each candidate;
- the professional standing and ability of the persons proposed as TCP and Vice-TCP;
- the ability and willingness of each Ordinary Member and other organisations in its country to support the Commission;
- the programme of Commission activities proposed by the Ordinary Member(s) and in particular the Working Groups, their officers and the events contemplated.

Council will review the applications for hosting a Technical Commission and may interview applicants in person or by telephone conference prior to the Congress, in order to clarify aspects of the proposal and to ensure that their proposals meet the expectations. Elected TCPs and Vice-TCPs will be required to attend a joint meeting with Council immediately after the Congress. Applicants will be notified of the dates of that meeting before the Congress.

#### 4. Symposia

Technical Commissions are required to hold a Symposium between Congresses (see [appendix 1](#)). TCPs are encouraged to consider joint Symposia with other TCs and to consider whether the Symposia can be organised together with a regional event.

The subject matter is to be related to the field of the Commission(s).

A technical exhibit may be arranged, preferably within the scope of the Commission.

The financing of the Symposium is the sole responsibility of the Ordinary Member hosting the TC. Registration fees may be charged as appropriate. An ISPRS surcharge equivalent to 10% of all paid Symposium registrations will be imposed to contribute to the costs of running the Society and improving ISPRS activities.

The schedule of all Symposia is approved by Council at the post Congress Joint Meeting. Council requires a draft programme for Symposia and major workshops to be presented and approved at that Joint Meeting which will be held in the autumn of the Congress year.

An international programme committee ensures a high and homogenous scientific quality of the Symposium. The committee is chaired by the TCP and is composed of WG officers of the Commission, members of the Commission Board and other qualified individuals. It needs approval by the ISPRS Council.

It is recommended to use ConfTool Conference Management System for the Symposium. If this system is used, and a list of participants incl. names and addresses is provided to ISPRS with agreement of the participants, ISPRS will pay for the cost of the system.

Each commission shall publish the scientific and technical contributions submitted to the Symposium. Both a review process based on submitted abstracts and a full-paper double-blind review process are to be offered to the authors. Abstract reviewed proceedings shall be published in [The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences](#), contributions accepted after full-paper double-blind review shall be published in the [ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences](#). Instructions for publication are given in [appendix 4](#).

ISPRS Council has signed a contract with the publisher Copernicus GmbH. The contract covers the publication of camera-ready pdf-files of all papers on the ISPRS web page. These papers need to be formatted according to the ISPRS Guidelines for Authors (see [appendix 5](#)); TCPs are responsible that the guidelines are followed.

This contract is binding for all organisers of ISPRS events, including Congress, Symposia and the Geospatial Week, to ensure consistent publication of ISPRS proceedings. A separate agreement must be established between organisers of each ISPRS event and Copernicus GmbH.

#### 5. Working Groups

Once elected, TCPs are responsible for the preparation, planning, management and reporting of the Commission's work for the following four years. Much of this work is carried out through Working Groups (WGs).

Each WG may have a 'Chair', one or two 'Co-Chair(s)' and a 'Secretary'; these are the WG officers. Preparation for selection of WG officers and the determination of Terms of Reference (ToR) must commence at the Congress at which the TCs have been elected, taking into consideration the Resolutions approved at the Congress for the Commission, and preferably in consultation with the outgoing TCPs. The selection of WG officers and WG ToR must be finalised for presentation and approval by Council at the JM of TCPs and Council in autumn following the Congress.

All candidates for WG Chairs and Co-Chairs must sign a letter (see end of this section) accepting these guidelines as conditions of appointment by Council for a period of four years.

TCs should take advantage of the inter-disciplinary nature of ISPRS scientific activities and the resulting opportunities for enhancing the activities of their Commission by encouraging their WGs to include researchers from related inter-disciplinary areas. Inter-disciplinary keynote papers and/or sessions should also be included in Commission Symposia. TCs should also

encourage joint activities with other WGs and with other cognate organisations.

WG officers should be selected on the basis of:

- recognition of their talents and scientific achievements;
- their ability to manage and direct the activities of the WG for the four-year period;
- their ability to independently fund the operations of the WG, including holding WG meetings during the years between Congresses and Symposia;
- their acceptance of the requirement to attend the Symposium of their Commission, The Geospatial Week and the Congress during their period of tenure of the WG and to present papers on the topics of the WG;
- an inter-continental representation.

WGs will be numbered according to their Commission in Roman numerals, followed by the WG number in Arabic numbers. For example, WG II/6 refers to Working Group 6 in Commission II.

Inter-Commission (IC) WGs may be approved if considered useful by Council; in this case the responsibility for the management of the ICWG must be taken by a nominating TC. the number of this TC will come first, e.g. the responsibility of IC WG IV/I is with TC I.

In the process of approving the plans for the WGs, Council will take into consideration the overall structure of the WGs, their ToR and the selection of WG officers according to the above requirements. The proposed WGs, modified where appropriate, will normally receive Council endorsement at the JM following the Congress.

TCs shall review and evaluate the activity of each WG and report to the Council annually. TCs may replace, in consultation with the Council, any WG officer who has not been active and who has not contributed to the work of the Commission. TCs may also reorganise the WGs in consultation with Council.

## 6. Geospatial Week

The ISPRS Geospatial Week (GSW) is a combination of workshops organised by various ISPRS Working Groups and possibly other parties active in areas of interest of ISPRS. It is convened by a local organisation, led by the GSW Director, at a common location. The GSW is held biennially in odd years, preferably in the September/October timeframe.

TCs are expected to contribute to the programme of the GSW by helping to attract scientific papers and by encouraging their WGs to organise workshops as part of the GSW.

## 7. Reporting and Communication

TCPs must attend the annual JM of the Technical Commissions and the Council to report on Commission activities and problems that may arise in the operation of the WGs, and to coordinate plans for the Symposia

and the Congress. If necessary, the Vice-TCP can attend the meeting in place of the TCP.

TCs must report on the implementation of the Resolutions of their Commission at the JM held in the year of the Symposia.

TCs are required to contribute to the Biennial Report (see [appendix 6](#)), and are to ensure that summary reports of their Commission and WG events are submitted promptly for publication in *ISPRS eBulletin*.

## 8. Publications and ISPRS Home Page

The proceedings of the Symposia must be published as a Volume of *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences* (for submissions accepted based on abstracts) and/or the *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences* (for submissions based on full-paper double-blind review), see also [appendices 4](#) and [5](#).

The TCP and Vice-TCP are expected to seek high quality scientific papers suitable for publication in the *ISPRS Journal of Photogrammetry and Remote Sensing* and the *ISPRS International Journal for Geo-Information* at their Symposia and WG meetings, and provide, in consultation with the journal Editor-in-Chief, papers for at least one theme issue on topics related to their Commission during the four-year period of their tenure.

TC and WG officers are expected to collaborate with the journal editors in publicising the journals at Symposia and workshops and to assist the participation of the editor in these meetings.

The TC and WG officers are expected to submit news items for publication in the *ISPRS eBulletin* to the Secretary General, who edits the *ISPRS eBulletin*. TCPs are entitled to place up to five free advertisements of their Symposium in the *ISPRS eBulletin*.

TCs are required to develop and maintain their own home pages, see [appendix 7](#) for details. The provision of links between Commission, potential WG home pages and the ISPRS Home Page, and vice versa, must be coordinated with the ISPRS Web Master.

## 9. Recommendations on ISPRS Awards

The ISPRS presents major awards at each Congress, including Young Author Awards for authors of papers at the Congress who are younger than 35 years of age, the Best Poster Award and The President's Honorary Citation to WG officers for outstanding performance during the four-year period.

TCPs are expected to propose recommendations for candidates for the major awards in accordance with the ISPRS Awards documentation provided at the following link: [www.isprs.org/society/awards/awards\\_policy.aspx](http://www.isprs.org/society/awards/awards_policy.aspx).

TCPs are required to assess papers submitted for the Young Authors Awards, to select best posters per Commission based on presentations during the Congress



and to nominate candidates for The President's Honorary Citation, for details see the [ISPRS web page](#).

### 10. Resolutions for the Congress

TCs are responsible, in cooperation with the ISPRS Past President, for the compilation of scientific and technical resolutions that are presented to the General Assembly at the Congress for approval. The TC shall organise a Commission Resolutions Committee in cooperation with WG officers and prepare draft scientific and technologic Resolutions for consideration at the last JM before the Congress. TCs shall submit a final draft of Resolutions to the ISPRS Past President in due time for review by the ISPRS International Science Advisory Committee (ISAC) prior to the Congress. The format and schedule for the preparation of the resolutions are outlined in [appendix 8](#).

### 11. Other Responsibilities of TCPs

TCPs are to keep the Secretary General promptly informed of all address changes of officers in their Commission and its WGs.

ISPRS Council and Honorary Members, the Chairperson of the Financial Commission and the editors of the *ISPRS Journals* are entitled to register at TC Symposia and WG meetings free of charge. It is expected that free accommodation will be provided to Council during the TC Symposium.

One of the TCs is expected to invite Council and TCPs to convene a Joint Meeting in conjunction with its Symposium. These meetings are normally scheduled for the last Symposium in the year and last for three to four days. Reports on Symposia, assessment of the performance of the Commissions and planning for the forthcoming Congress are important items of consideration at that JM.

TCs are responsible for ensuring conformance by WG officers to the "Guidelines for Conducting a Working Group", see below.

TCPs are also expected to help with the selection of projects to be supported under the Scientific and the Educational and Capacity Building Initiatives of ISPRS. The TC II President, or a Council designee, will be an ex-officio member of the CIPA Committee, and as such will be required to attend the biannual meetings of the CIPA Committee.

#### Working Group Officer Commissioning Form

##### Working Group Responsibilities and Tasks

ISPRS Working Groups (WGs), under the direction of the respective Technical Commissions, are responsible for the scientific work of the Society. Chairs and Co-Chairs of WGs are expected to lead the activities of the WG according to its Terms of Reference, which have been approved by the ISPRS Council. Responsibilities and tasks of WG Chairs and Co-Chairs are described in the 'Manual of Operation for ISPRS Technical

Commissions and Working Groups' (Orange Book). They are summarised as follows:

- organisation of the scientific work of the WG according to its Terms of Reference;
- development and coordination of WG programs of study amongst interesting parties, covering the areas of interest of the WG, such as defining specific topics of research, preparation of tests, detailing case studies or distribution of questionnaires on issues relevant to the WG;
- communication with people who have a strong interest in the activities of the WG, and an ability to progress its scientific work;
- distribution of ISPRS news to people interested in the WG, e.g. by forwarding the *ISPRS eBulletin*;
- regular communication on the activities of the WG to the TCP, including the submission of WG contributions for ISPRS Biennial reports;
- attendance and active participation in the technical sessions of the Symposium of the relevant Technical Commission, the Geospatial Week and the Congress, incl. review of submitted abstracts and full papers;
- organisation of WG workshops including management of abstracts and papers according to the contractual arrangements made with Copernicus GmbH, if possible in conjunction with one of the two Geospatial Weeks being organised in the odd years of the inter-congress period.

#### Signature of Agreement

All candidates for the WG positions of Chair and Co-Chair are requested to sign this Commissioning Form prior to their appointment by the Council. By signing this form, candidates demonstrate that they are aware of the responsibilities and tasks of the office, as detailed in the Manual of Operation for ISPRS Technical Commissions and Working Groups, and are willing to undertake these responsibilities and tasks to the best of their ability.

Name of WG officer :

.....

Current Position :

.....

Nominated ISPRS Working Group Position (Chair/Co-Chair):

.....

I have informed myself of the responsibilities and tasks of ISPRS WG Chairs and Co-Chairs as detailed in the 'Manual of Operation for ISPRS Technical Commissions and Working Groups' and hereby agree to serve in the above WG position.

Signature.....



Date: .....

I attach my biographical details, incl. name, full postal address, phone number, fax, e-mail, nationality,

education, professional positions held and a brief summary of work undertaken in the area of the WG. A more complete CV may also be attached.

## Guidelines for Conducting a Working Group

*Version June 2024*

### 1. WG Officers and Activities

ISPRS Working Groups (WGs), under the direction of the respective Commissions, are responsible for the scientific work of the Society. Working group officers are one Chairperson, a maximum of two Co-Chairs and one WG secretary. The responsibility for running the WG rests with the Chairperson. The Co-Chair and the Secretary assist the Chairperson in carrying out the activities.

WG officers organise the scientific activities of the WG, covering its areas of interest, according to the Terms of Reference (ToR) prepared in coordination with their TCP and approved by Council. WG activities may include specific research topics, tests, case studies, questionnaires, and other tasks of interest to the TC and ISPRS.

The Council and TCPs entrust each WG with the responsibility to address those Resolutions that have been approved by the General Assembly and are relevant to the WG. WG ToRs should be developed, addressed and status reported so that they reflect the essence of Resolutions and previous work in the area.

The officers shall be financially capable of attending the Symposium of the relevant TC (or TCs in the case of Inter-Commission WGs), the two Geospatial Weeks and the following Congress, to report on WG activities.

A WG can select individual members according to their expertise in the area of interest of the WG. In selecting individual members, WG officers should strive to include researchers from related interdisciplinary areas.

All candidates for WG Chairs and Co-Chairs must sign a letter (see end of last section) accepting these guidelines as conditions of appointment by Council. Council has the final say in the composition and ToRs of WGs and may override decisions of the TC if needed.

### 2. Meetings, Symposium and Congress

WG officers are expected to organise ISPRS events and ISPRS co-sponsored events, preferably during the odd-numbered years between Congresses and Symposia. These events may take the form of a workshop, tutorial, seminar, or colloquium, see also [appendix 2](#). Due consideration should be given to the possibility to organise the event as part of

the ISPRS Geospatial Week. All events organised under the name of ISPRS must be approved by Council through the Secretary General prior to their announcement (see [appendix 3](#) for the related form). This approval process will avoid clashes of dates of ISPRS meetings of like topics.

Events can be held in conjunction with other events provided they have their own identity, or they may be organised as separate events.

It is recommended to use ConfTool Conference Management System for these events. If this system is used, and a list of participants incl. names and addresses is provided to ISPRS with agreement of the participants, ISPRS will pay for the cost of the system.

Council requires a draft programme for Symposia and major workshops to be presented and approved at the Joint Meeting which will be held in the autumn of the Congress year. WG officers should submit their draft programme to their TCP in due time.

All WG officers are expected to attend the Symposium, the two Geospatial Weeks and the Congress, and to assist the TCP in preparing the technical programme of the Symposium and Congress sessions of the TC incl. reviewing abstracts and full papers.

### 3. Publications, Reports, and Communication

All contributions submitted to an ISPRS event are published online and under the Creative Commons licence in the Archives (if abstract reviewed) or the Annals (if full-paper double-blind reviewed), see also [appendices 4](#). Specifications for preparation are given in the ISPRS Guidelines for Authors (see [appendix 5](#)); organisers of ISPRS events are responsible that these guidelines are followed. Publication must occur through Copernicus GmbH, see also [appendix 2](#).

Except for rare cases such as an event organised by an ISPRS Committee, e.g. CIPA, proceedings of ISPRS co-sponsored events do not appear in either Archives or Annals and they are not handled through Copernicus GmbH; publication should instead be coordinated with the main event organiser.

A report on all ISPRS events and ISPRS co-sponsored events must be submitted by the WG

officers to the Secretary General for publication in the *ISPRS eBulletin* no later than three months after the event.

Upon request WG Chairs/Co-Chairs should submit contributions to their TCP for inclusion into the ISPRS Biennial Report, as described in [appendix 6](#). WG officers should publicise their activities through the *ISPRS eBulletin*. The text for these entries, prepared by the WG, should be submitted to the Secretary General.

To ensure regular communication with all parties interested in the WG activities, WG officers are encouraged to develop and maintain their own home pages, see [appendix 7](#) for details. The provision of links between Commission, WG home pages and the ISPRS Home Page, and vice versa, must be coordinated with the ISPRS Web Master.

WG officers should also distribute the *ISPRS eBulletin* to all interested parties.

It is essential for the progress of the scientific activities of ISPRS, that WG officers maintain contact with Council through their TCP. The first contact point for WG officers should be the appropriate TCP. However, if there are issues that will involve the Council the Secretary General should be contacted.

#### 4. Changes to Working Group Officers

If a WG officer is unable to continue serving in the position he/she must notify the TCP promptly, preferably with a recommendation for replacement.

If a WG has been found to be inactive, it will be dissolved on initiative of the President of the Commission concerned, or the Council.

## Guidelines for Planning an ISPRS Symposia

Version June 2024

### 1. Introduction

Planning for the midterm Symposium should begin immediately after the Congress. A proposed schedule is given in this appendix. ISPRS shall be the primary sponsor of the Symposium. Additional sponsors are welcome. Details of Symposium organisation are agreed upon between Council and Ordinary Member running the Symposium in a written contract. A sample contract can be obtained from the Secretary General.

### 2. Conference Management

Conference facilities should be selected according to the most suitable options for the host country. They may be in a hotel, rented facilities, or within the host's facilities, e.g. university lecture theatres. The location of housing and the conference in the same venue ('residential format'), in a hotel or in a university college, is a suitable option, since it facilitates contact and discussions between the participants, and generates a good workshop-like atmosphere. Common lunches further add to exchange between the participants.

As many of the ISPRS Council members as possible will attend the Symposia. TCPs should plan their budgets for the Symposium and other events to be hosted by the Commission in a way that that Council can be provided with complimentary registration and accommodation.

TCs must organise a meeting of the TC and WG officers and the Council during the Symposium to review progress of the Commission.

As a result of a contract signed by ISPRS Council with Copernicus GmbH, a publishing service is available. It is binding for all ISPRS events including Congress,

Symposia and the Geospatial Week, to ensure consistent publication of ISPRS proceedings.

A separate agreement must be established between organisers of each ISPRS event and Copernicus GmbH. More details of the Contract can be provided by the Secretary General. Contact details are as follows: [info@copernicus.org](mailto:info@copernicus.org), [www.copernicus.org](http://www.copernicus.org).

### 3. Programme and Symposium Structure

The programme should be determined by the TPCs in consultation with the WG officers. The final programme should be distributed on the Web and by e-mail.

Organisers should ensure that all speakers attend the Symposium by communicating with them by e-mail and/or a process of advanced registration.

The Symposium Opening Session should include a keynote speaker who identifies the important developments in the Commission's activities. Keynote papers and/or sessions on relevant inter-disciplinary topics through other international bodies should be included in the Symposium.

The Symposium programme may be single-track or based on parallel sessions (*preferably not more than two*), or a mix of both, depending on the number of papers presented.

Oral Sessions should normally last 90 minutes, preferably comprising four speakers. Poster sessions should also be included in the programme.

A final session, comprising summary reports by the WG Chairs and the TCP on the content of the technical sessions, is a good approach for presenting the main issues of the Symposium.

### 4. Exhibition

An exhibition may be included in the Symposium. An “Exhibitor’s Showcase Session” provides the exhibitors with an opportunity to present themselves to the participants, and hence integrates them into the symposium.

### 5. Announcement and Advertising

Modern means of communications should be used for the distribution of announcements on the Symposia.

Advertisements should also be placed in *ISPRS eBulletin*, the *ISPRS Journal for, Photogrammetry and Remote Sensing*, the *ISPRS International Journal for Geo-Information* as well as other journals and especially during other conferences.

TCPs are responsible for keeping Council informed of the plans and progress for the Symposium and for providing multiple copies of Symposium brochures to Council.

### 6. Paper Submission and Publication

The submission of abstracts and full papers must follow the ISPRS publication policy (see [appendix 4](#)). Papers must be prepared according to ISPRS Guidelines (see [appendix 5](#)); TCPs are responsible that these guidelines are followed. Paper submission should be in electronic form to enable production of the Archives or Annals on an appropriate electronic medium. Only those papers for which the author will attend the Symposium should be included in the proceedings.

All Symposium proceedings must be published as a Volume of *The ISPRS International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences* and/or *The ISPRS International Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*.

Proceedings in digital form must be available to registrants upon arrival to the Symposium.

### 7. Registration Fees

On-site full-registration fees will vary according to local conditions. Registration fees for students and seniors should be about half the full fee. Developing countries may find it appropriate to offer a much-reduced registration fee for local participants.

Symposium planning will be facilitated by offering a reduced fee for advanced full-registration and by including the price of the conference dinner.

Organisers may request authors to submit an advanced registration fee with their full paper to ensure publication of the paper in the proceedings.

The Society surcharge equivalent to 10% of all paid registrations shall be rebated to the ISPRS Treasurer.

### 8. Awards

Best poster awards and young authors’ awards are encouraged. The decision of the awards can be made in advance of the Symposium based on the submitted papers, or during the symposium based on the papers and its oral presentations. Awards should be presented at a plenary session.

### 9. Reports and Publication of Symposium Papers in ISPRS Journals

A Commission rapporteur should be identified to the Secretary General three months in advance by the TCP of each Commission for the preparation of a Symposium report for publication in the last issue of *ISPRS eBulletin* of the Symposium year.

TCPs and WG officers should identify about 5 suitable papers for consideration by the Editor-in-Chief for publication in the *ISPRS Journal of Photogrammetry and Remote Sensing* or the *ISPRS International Journal for Geo-Information*.

### 10. Suggested Schedule for Symposium Planning

according to the contractual arrangements made with Copernicus GmbH

Site selection	within 3 months of Congress
Finalise and sign contract with Council	15-18 months prior to Symposium
First Announcement and initial call for Exhibits	15-18 months prior to Symposium
Second Announcement and Call for Papers	9-12 months prior to Symposium
Deadline for paper submission	4 months prior to Symposium
Notification of paper acceptance	3 months prior to Symposium
Early Registration	3 months prior to Symposium
Deadline for submission of manuscripts	1,5 months prior to Symposium
Final Programme	about 2 weeks prior to Symposium

Terms of Reference for Sustaining Members

1. Sustaining Members are individuals, organizations, institutions or agencies who manufacture or distribute instruments, equipment or supplies, or who operate or provides services in the fields of photogrammetry, remote sensing and/or GIS, or who are engaged in research and/or education, and who contribute to the financial support of the Society.
2. Sustaining Members shall pay an annual fee according to the invoice from the Treasurer at the beginning of each calendar year. There shall be 5 categories as follows:

Category	Num.Specialists	Annual Subscription
A	more than 750 employees	3450 CHF
B	100 - 750 employees	1725 CHF
C	25 - 100 employees	920 CHF
D	1 - 25 employees	460 CHF
E	Educational Institutes	250 CHF

Sustaining Members are encouraged to increase their contribution but such additional contributions will not change the category of membership. A Sustaining Member who is more than two years in arrears shall be dropped from the rolls.

3. Applicants for status as Sustaining Members shall file with the Secretary General a written statement (less than 1000 words) describing their photogrammetric and/or remote sensing activities. Applicants shall commit to membership for a minimum of four years. Application shall be approved unless two or more members of Council submit objections in writing. Any such objections shall be forwarded to the applicant who shall have right of rebuttal.
4. The Secretary General will maintain a list of current Sustaining Members and the description of their activities. This information will be printed in appropriate Society publications. A Sustaining Member may revise the description of activities whenever it may be necessary.
5. At an appropriate time near the end of each Congress, the current Congress Director will schedule a meeting of the Sustaining Members to review the exhibit and other congress activities.

The current Congress Director or his representative shall preside at this meeting. The incoming Congress Director will be an observer.

6. Approximately two years before each Congress, the Secretary General will schedule and invite to a meeting of the Sustaining Members at an appropriate time and place. A preliminary agenda for the meeting will be attached to the invitation. A member of the ISPRS Council, preferably the Congress Director, shall preside at this meeting. Not less than 8 weeks before this meeting the Congress Director will distribute to the Sustaining Members a written description of the plans for the next Congress.
7. Not less than 4 weeks before the inter-Congress scheduled Meeting, Sustaining Members shall inform the Secretary General in writing of any items they wish included on the agenda and the name of their delegate. Voting by proxy shall be allowed provided it is designated in writing to the Secretary General in advance of the meeting. For the Congress meeting, designation of delegates and proxies may be made during the Congress.
8. At any meeting of the Sustaining Members, the number of votes will be determined by membership category as follows:
 

Category	A	B	C	D	E
Votes	8	4	2	1	1

In matters related to the Congress, deliberations of Sustaining Members shall be advisory only; the Congress Director has final authority for all Congress plans.
9. Sustaining Members will be provided with a suitable Certificate and shall have the right to indicate in their business and professional publications that they are Sustaining Members of ISPRS.
10. Amendments to these Terms of Reference which do not result in conflict with articles in the Statutes and Bylaws may be adopted by majority vote at any meeting of the Sustaining Members.
11. The Council recommends that the Congress Director provide exhibition space at the Congress to Sustaining Members at a discount rate

*Approved by Sustaining Members Meeting at XVI ISPRS Congress in Kyoto, July 1988.*  
*Categories amended by General Assembly mail ballot, February, 1993.*  
*Amendments approved at Sustaining Members Meeting at XVIII ISPRS Congress in Vienna, July 1996.*  
*Amendments approved by the General Assembly at XX ISPRS Congress in Istanbul, July 2004.*

## ISPRS Individual Membership Policy

### How to become an ISPRS Individual Member

- An [application](#) for ISPRS Individual Membership shall be addressed in writing to the ISPRS Secretary General and shall include a statement of the applicant's role in the fields of photogrammetry and/or remote sensing and/or spatial information.
- ISPRS Individual Membership is free of charge. An annual donation to The ISPRS Foundation is encouraged.
- Council shall consider each application and make the final decision on admission of an applicant. If the individual comes from an area with an active Ordinary Member, Council will inform that Ordinary Member about the decision as soon as possible.
- Whilst ISPRS Individual Membership is available for everybody, ISPRS particularly strives to make sure individuals in areas, where an active Ordinary Member does not exist, have the possibility to join ISPRS on an individual basis
- ISPRS Individual Membership is to be renewed every calendar year.

### Advantages of ISPRS Individual Membership

- ISPRS Individual Members will receive regular information from ISPRS Headquarters through the ISPRS eBulletin and other correspondence on news and events.
- On joining the Society, ISPRS Individual Members will be issued with a membership certificate.
- Preference will be given to ISPRS Individual Members who apply for travel grants offered by ISPRS and The ISPRS Foundation.
- ISPRS Individual Members can purchase volumes of the ISPRS book series at a reduced rate.

### The role of ISPRS Ordinary Members with respect to Individual Membership

- The right to nominate candidates for positions in Council, as Technical Commission President, for the Financial Commission and for similar positions within ISPRS, remains exclusively with the ISPRS Ordinary Members.
- Every individual who is a member of an ISPRS Ordinary Member is accepted by ISPRS for ISPRS Individual Membership. The Ordinary Member will establish whether Individual Membership will be by default or by explicit approval of the individuals concerned and will inform ISPRS accordingly.
- The ISPRS Ordinary Members are asked to handle the administration of ISPRS Individual Membership as far as their members are concerned. In the event that the Ordinary Member decides not to deal with this administration, it will inform Council and ISPRS Headquarters will handle the membership administration.
- For members of the ISPRS Ordinary Members wishing to become ISPRS Individual Members and to regularly obtain information from ISPRS, e.g., through the eBulletin, the Ordinary Member is asked to provide contact details to ISPRS, if possible with regard to national privacy laws.
- If any person wants to become an ISPRS Individual Member without joining an ISPRS Ordinary Member, this person is free to do so. In countries and regions, in which an active ISPRS Ordinary Member exists, which handles the administration of ISPRS Individual Membership, that Ordinary Member will also handle such ISPRS Individual-only Memberships in a manner that is suitable to the Ordinary Member. The Ordinary Member is entitled to charge the individual a handling fee for its services. The amount of that handling fee is to be decided at the discretion of the Ordinary Member.
- In areas, in which an active ISPRS Ordinary Member does not exist, ISPRS Headquarters will handle membership administration.