



Minutes of Joint Meeting



Council and Technical Commission Presidents

Enschede/Amsterdam, The Netherlands, 11-12 September 1999

By John Trinder, Secretary General ISPRS

Council Attendees

President:	Lawrence Fritz (LF)
Secretary General:	John Trinder (JT)
First Vice President:	Shunji Murai (SM)
Congress Director:	Klaas Beek (KB)
Treasurer:	Heinz R��ther (HR)

Apologies

Second Vice President Marcio Barbosa (MB)

Commission President Attendees

Commission I	: George Joseph (JG)
Commission II	: Ian Dowman (ID)
Commission III	: Toni Schenk (TS)
Commission IV	: Dieter Fritsch (DT)
Commission V	: Hirofumi Chikatsu (HC)
Commission VI	: Lukman Aziz
Commission VII	: Gabor Remetey-F��l��pp (GR)

In attendance

Chair,	
Financial Commission	: Armin Gruen
Journal Editor	: Emmanuel Baltsavias (EB)
ISPRS Highlights Editor	: Lucas Janssen
ISPRS Highlights Publisher	: Johan Boesjes (JB)
Chair, Congress	
Technical Program	: Martin Molenaar
Representatives of Congress Committee of The Netherlands Society for Earth Observation and Geo-Informatics	: Cees IJsendoorn Rob Neleman
Representatives of CONGREX (Conference Managers)	: Rika Strik Abey Jaarsma

1. Opening

President Lawrence Fritz welcomed all members and looked forward to a fruitful meeting. He thanked Klaas Jan Beek for arranging the meeting, and providing the excellent facilities in ITC and the DISH Hotel, and the visit to RAI and CONGREX in Amsterdam.

IPAC, ISAC & CEOS

Council has established an International Policy Advisory Committee (IPAC) with Ray Harris from UK as Chair. Members of the Committee have been drawn from experts in a broad range of issues associated with space policy. Its primary role is to assist Council in formulating policy for its collaboration with other international organisations.

An International Science Advisory Committee (ISAC) is being developed with Shunji Murai as Chair, to advise Council on scientific matters of the Society, such as the resolutions at the Congress, and terms of reference and structure of the Commissions and Working Groups. Experts in photogrammetry, remote sensing and spatial information sciences will be invited to participate in the Committee.

An Industry Forum is being established in CEOS with initiative from ISPRS and advice from IPAC.

Standing WGs

Council is proposing to establish 'Standing Working Groups' to enable closer cooperation with bodies which have interests in the fields of ISPRS, but which are not currently participating in ISPRS activities or meetings.

2. Review of Action Items and Minutes of C & TCP Meeting in Stuttgart

13 items have been completed, 1 item was overcome by events and 7 items are still open.

Follow-up on fulfilment of Vienna resolutions which were revealed at the meeting in Stuttgart in 1998 as being inadequately addressed.

Resolution I.6	:JG intends to cover this item himself, with a report and possibly a meeting in 2000
Resolution II.1	:has not been proceeded with because it is a major undertaking, which is beyond the resources of the WG, but it was partially fulfilled by the workshop in Bangkok in April 1999
Resolution II.5	:the WG programmed to consider this resolution has been disbanded, but the

topic will be considered at a session of the Congress, in cooperation with IGOS

Resolution III.4 : covered by IC WG IV/III.1

Resolutions VI.1 : these item have not yet been addressed and require urgent action from WG VI.3 and VI.4 : VI/4

Resolution VII.1 : the topic of lidar in this resolution will not be addressed by the WGs

3. Commission Reports (TCPs)

Status of Each Working Group

The status of the WGs were presented by the TCPs. Almost all WGs are working very effectively.

Plan for Recognition of WG officers

The President will send a letter to addresses of recipients provided by the TCPs, thanking WG officers for their contribution to the activities of WG during the current inter-Congress period 1996-2000.

Rational Functions Committee

A draft document on Rational Functions has been prepared by ID, which discusses the tasks and work being undertaken by the Committee.

Bylaws Updates for Each Commission

TCPs will recommend changes to Commission ToRs in Bylaw 13.

Young Authors' Awards

The details of the Young Authors Awards have been included in the 2nd Announcement for the Congress. The full paper must be submitted by 31 January 2000. Every submitted paper will be reviewed by 2 assessors. The awards will be announced by 31 March 2000 and the Treasurer will send money to winners by about 30 April.

Manos Baltsavias announced that 2 additional Young Authors Awards will be provided from surplus funds from the IC WG IV/III.2 meeting in Valladolid in Spain.

4. ISPRS Publications

Journal

Manos Baltsavias reported on developments on the Journal. There have been so many papers submitted to the Journal that there is now a bottleneck in the review and publication processes. The number of pages has been increased to 400 in 1999, and 480 in 2000.

Helava Awards for 1996 and 1997 have been announced, the jury is reviewing all 1998 papers, and 1999 papers will be judged by the end of the year. The final selection should be made by February 2000. The jury has done an excellent job.

ISPRS Highlights

Matters discussed were: full colour printing, adver-

tisement policy, inclusion of other newsletters, individual subscribers, direct mailing to recipients and a reader survey.

Web and Home Page Status

A report was submitted on the Web Page by the Web Master, Andre Streilein. Users average 9,360 requests per month. The Calendar is the most used page, followed by the Technical Commissions. The Jobs Page has received 600 hits. Many international organisations use the ISPRS guidelines. The new address of the Home Page changed to 'ISPRS.org'.

Archives

Recent new Volumes delivered to RICS Books are as follows:

- Dehra Dun, India Tutorial for WG VII/2 in October 1998 – Vol XXXII Part 7T1
- Bangkok, Thailand meeting in April 1999 on Mobile Mapping by WG II/1 and others – Vol XXXII Part 2-5-3/W10
- Valladolid, Spain meeting in May 1999 on Fusion of Sensor Data for Commissions VII, IV and III - Vol XXXII Part 7-4-3 W6
- Commissions II and III workshop on automatic information extraction from images in September 1999 in Munich, Germany - Vol 32 Part 3-2W5

Guidelines for reviewing volumes submitted for publication in the International Archives for Photogrammetry and Remote Sensing were adopted in principle, subject to changes reflecting comments from the meeting.

Guidelines & Orange Book

Guidelines published in the Orange Book and on the Web Page were reviewed and amended for reprinting of the Orange Book.

5. Inter-Organisation Relationships

- (i) COPUOS: ISPRS participation in UNISPACE III was very successful. Summaries of the sessions were distributed to the meeting and will be included in ISPRS Highlights
- (ii) An MoU between ISPRS and OGC is currently being prepared
- (iii) IUSM has been disbanded
- (iv) Council has developed a table of overlaps in activities between ISPRS, its Regional Members and International Organisations

6. Congress Planning

A detailed presentation was given by members of The Netherlands Congress Organising Committee and CONGREX, covering the structure of CONGREX, the general organisation of the Congress, accommodation, abstracts, the Official Opening, the technical program, guidelines for



Participants of the Joint Meeting in front of ITC's building.

the proceedings, facilities and schedules, and the venue in Amsterdam.

Technical Sessions

The program for preparation of the Technical Sessions was described by Martien Molenaar including:

- The contents of each technical session which have been included in the 2nd Announcement
- First and second review process of abstracts should be completed by the organising Committee by 6 December 1999
- Notification to authors by 15 December 1999 of acceptance or otherwise of the paper
- Guidelines for preparation of papers will be available on the Congress Web Page by December

Awards and Honourable Mentions

Details of awards have been distributed to all ISPRS Members. TCPs are required to nominate one member of their Commission for Honorable Mention at the Congress.

Visit to Conference Venue

The attendees at the meeting visited the Congress site on Sunday 12 September, and viewed the venues for the Opening Session, the technical sessions, the General Assembly, Council and Commission rooms, lunches etc.

7. Proposals for 2000-2004 Technical Commissions

TCPs were encouraged to seek appropriate TCPs for those Commissions for the period 2000-2004.

8. Next Meeting of Council and Technical Commission Presidents

8.1 Budapest April 2000

The planned schedule for JM in April 2000 were presented.

9. Other Business

A presentation on Turkey's bid for Congress in 2004 was given by Professor Orhan Altan.

J. C. Trinder
Secretary General
October 1999

ISPRS Highlights will now be available from GITC bv at



US\$ 28 per year

(for individuals who belong to an ISPRS member organisation)

US\$ 35 per year

(for non-members)

Please contact GITC's subscription department for more details

or e-mail: floris.siteur@gitc.nl

To receive ISPRS Highlights you only have to send us the complete address (*personal name, organisation name, address, city + postcode, country, phone, fax, e-mail, date, signature*) together with the (details of) payment. You can pay by credit card (*number, expiry date, signature*) or by mailing to GITC by separate post (*cheque, postal order, international money order, evidence of bankdraft*). The delivery of the magazine will start after receipt of payment.

GITC



Minutes of Council Meeting (CM 9/99)



Delft, The Netherlands, 14-16 September 1999

By John Trinder, Secretary General ISPRS

Council Attendees

President:	Lawrence Fritz (LF)
Secretary General:	John Trinder (JT)
First Vice President:	Shunji Murai (SM)
Congress Director:	Klaas Beek (KB)
Treasurer:	Heinz R��ther (HR)

Apologies

Second Vice President Marcio Barbosa (MB)

In attendance

Chair Financial Commission	Armin Gruen (Items 12.2 and 12.3)
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Editor-in-Chief

ISPRS Journal Manos Baltasavias (Item 8.1)

1. Opening

The meeting was held at the ITC Building in Delft, The Netherlands on 14-16 September 1999.

President Lawrence Fritz welcomed Council and looked forward to a fruitful meeting. He thanked Klaas Jan Beek for arranging the recreation day for Council and TCPs, and providing the excellent facilities in the ITC Building and the DISH Hotel in Delft.

2. Approval of Agenda

The agenda was approved subject to minor changes in the order of consideration of several items.

3. Review of Minutes of Council Meeting in Bangkok, Thailand April 1999

Minutes were approved subject to minor changes.

4. Policy Discussions

Strategic Plan

Further actions in the Strategy Plan were considered.

- (i) A commissioning form will be developed for signature by all new WG officers in 2000 to formalise their commitment to the WG activities for the 4 year period
- (ii) Fund raising should be on a tactical short-term basis, not long-term, with the major thrust being related to attracting funds to sponsor participants

from developing countries to the Congress, young author's awards, CATCON etc.

- (iii) Norm Anderson (USA) and Hans Knoop (Germany) will be ISPRS representatives for ISO TC/211
- (iv) The Secretary General will write to ISPRS Regional Members suggesting joint action between Technical Commissions, Regional Members, and National Members
- (v) A strategy will be developed for increasing industry contributions in ISPRS Highlights
- (vi) A competition to redesign the ISPRS logo will be announced in ISPRS Highlights
- (vii) The terms of reference of the proposed ISPRS International Science Advisory Committee (ISAC) were approved and names suggested of persons who will be invited to be members of the Committee

ISPRS Educational Opportunities Program

The pilot program has been completed. The development of the database on educational institutions is a good demonstration of work of this program, but there will be no further developments.

Statutes and Bylaws Revision

The Statutes and Bylaws were reviewed and revised at the meeting. The revised Statutes and Bylaws will be distributed to Ordinary Members with rationale in January 2000.

Guidelines Approval

Spending Guidelines for Council have been approved by the Financial Commission and Council.

Member Reports and Guidelines

A letter to will be sent immediately to Ordinary, Associate and Regional Members inviting them to prepare National Reports for the Amsterdam Congress.

5. Amsterdam Congress Plans (KB)

The speaker for the keynote address at the Opening Session and the plenary debate on 'Geo-Information for All' were discussed.

Receptions could be given by bidders for the 2004 Congress, to members of the General Assembly, at lunch time on Sunday 16 July, before the first General Assembly. Congress and TC bids by Ordinary Members will be presented to the General Assembly on Sunday 16 July.

Official nominations have been received so far for the period 2000-2004 for Council positions of Secretary General and Congress Director, the venue for the Congress, and Presidents of Commissions I, II, VII.

6. Awards

The revised conditions of the Brock Award were approved. The current status of nominations for ISPRS Awards was presented to the meeting by the President. Letters have been sent to organisations responsible for the Awards requesting nominations of members of Juries.

7 Inter-Organizational Activities

CIPA

Council has ratified the new CIPA Statutes

ICSU

Consideration of the ISPRS application for full membership of ICSU will be delayed until the ICSU plenary meeting in 2002. Council must take appropriate actions prior to the meeting to ensure that its application is finalised.

Standards

A request for ISPRS representatives on ISO Technical Committees has been placed in ISPRS Highlights.

WG II/7 are developing an image transfer standard, suitable for photogrammetry and remote sensing. A draft MoU with OGC has been prepared, that will ensure the participation of OGC in the development of this standard.

IUSM

Representatives from Sister Societies (FIG, ACI, IAG, IHO) will be invited to attend several days of the Amsterdam Congress including a Joint Board Meeting of Sister Societies on Monday 17 July.

GSDI

Council will re-evaluate ISPRS representation at GSDI meetings.

8. ISPRS Publications

Journal

Since a new 4-year contract with a publisher is required by 1 October 2000, negotiations for the new contract have commenced. The conditions to be included in the contract were discussed in detail.

Bulletin - ISPRS Highlights

Council agreed that ISPRS Highlights should not be printed in full colour. Direct mailing will cost \$10,000 per year, but GITC will have to maintain an address database. Council decided to directly mail ISPRS Highlights to recipients on a pilot basis.

Revisions to the advertising policy proposed by GITC were approved by Council, subject to minor revisions.

Home Page

The new address of the ISPRS Home Page is 'ISPRS.org'.

9. Review of Technical Commissions

Nil

10. Council Activities Reports

Reports of Council were received.

11. ISPRS Membership

Ordinary Members

Recently admitted Ordinary Members

- Bangladesh - Environment & GIS Support Project for Water Sector Planning (EGIS - II)
- Benin- National Center for Remote Sensing and Forest Cover Monitoring (CENATEL)
- Cameroon - La Cameroon Geomat

Associate Members

Recently admitted Associate Members

- India - Indian National Cartographic Association -
- Australia - Queensland Department of Natural Resources (DNR)

Sustaining Members

Council approved the application of Stora Enso Forest Consulting Oy Ltd (Finland) as its 48th Sustaining Member.

Regional Members

Recently admitted Regional Members

- CILSS/AGRHYMET in Niger

12. Financial Affairs (HR/AG)

Treasurer's Report

The Treasurer's report was received and discussed.

Financial Commission Report

AG reported on the Treasurer's financial report.

Financial Commission Guidelines

AG and HR will rework the draft Financial Commission Guidelines.

13. Actions of Council

43 items were completed, 4 items were overcome by events and 21 items are still open.

14. Other Business

Council has tentatively planned to travel to Turkey on

11 or 12 April 2000 to view their Congress facilities. Council will visit the proposed site for the 2004 Congress in Barcelona, Spain prior to the Council meeting in Hungary.

15. Next Meeting

The schedule for the planned Council and Joint meet-

ings in Hungary from 4-11 April 2000 was finalised.

The Pre-Congress Meeting will be held in The Netherlands on 12-13 July 2000.

J. C. Trinder
Secretary General
October 1999



ISPRS Logo Design Contest



The ISPRS is seeking a new logo to better illustrate its role in the global community. The winning design will receive a prize of \$500 US! The last date for submission of designs is 31 March 2000. All entries will be judged by the six members of ISPRS Council and the winning design will be introduced at the 2000 ISPRS Congress in Amsterdam (with appropriate recognition of the designer). The intent of this new logo is to promote the value of ISPRS to the international community as we enter the new millennium.

Please send your entry in color and/or in black and white by e-mail or post mail to the ISPRS Secretary General at:

Prof. John C. Trinder
Secretary General, ISPRS
School of Geomatic Engineering
University of New South Wales
Sydney NSW 2052
AUSTRALIA
E-mail: J.Trinder@unsw.edu.au

Entries will be judged on relevance to ISPRS heritage and mission, plus originality, 3-dimensionality, color and b/w inter-changeability, attractiveness, tastefulness and international relevance. The logo should incorporate the letters "ISPRS" and the newly selected public tag line for

Win \$500

Entries due by 31 March 2000

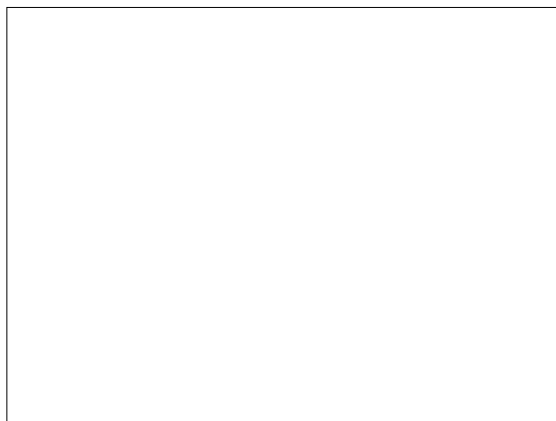
the Society, "Information from Imagery." Entries are encouraged to be: (a) useful for display in color and yet clearly recognizable when copied and displayed in black and white; and, (b) easily displayed on the internet and electronic documents. Ingenuity in providing dynamic characteristics for internet display is not essential but will be welcome.

Contest rules:

- * All entries must be received by the Secretary General no later than 31 March 2000.
- * Fax entries will not be accepted.
- * The ISPRS Council reserves the right not to select a winner if all entries are judged inappropriate
- * The winner will receive a check in the sum of \$500 US no later than 15 July 2000.
- * Upon selection, the winning designer will surrender all rights and Copyrights of the logo to become the exclusive ownership of the ISPRS.
- * No Council member may enter the competition.



Our present logo.



Your logo.



WWW.ISPRS.ORG (changed URL)



International Society for Photogrammetry and Remote Sensing
Internationale Gesellschaft für Photogrammetrie und Fernerkundung
Société Internationale de Photogrammétrie et de Télédétection

THE SOCIETY

THE SOCIETY		MANAGEMENT STRUCTURE		
Objectives and Activities	Historical Background	Organisation	Officers	Finance
Interorganizational Activities	ISPRS Congresses		Council	

MEMBERS

MEMBER TYPES				
Ordinary Members	Associate Members	Regional Members	Sustaining Members	Honorary Members

DOCUMENTS AND PUBLICATIONS

LEGISLATIVE DOCUMENTS	PUBLICATIONS
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TECHNICAL COMMISSIONS AND WORKING GROUPS

TECHNICAL COMMISSIONS AND WORKING GROUPS	Commission I	Commission II
	Commission III	Commission IV
	Commission V	Commission VI
	Commission VII	

INFORMATION AND ANNOUNCEMENTS

ISPRS EVENTS CALENDAR	Call for CIPA National Delegates from all ISPRS member countries
ISPRS EMPLOYMENT OPPORTUNITIES ARCHIVE	

TOOLS

WHAT'S NEW?	GIVE FEEDBACK
ISPRS RELATED LINKS	
ISPRS SAMPLE PAGES	



ISPRS Awards Offered in 2000



Pursuant to its aims of developing international cooperation in photogrammetry, remote sensing, spatial information systems and their applications, ISPRS recognizes individual accomplishment in these areas by nine sponsored awards which are presented to recipients at the quadrennial Congresses of ISPRS.

All ISPRS members and individuals associated with ISPRS are requested to consider appropriate nominees for these awards and forward their names with appropriate supporting document to the Council members listed against each award below.

The *Brock Gold Medal Award*, sponsored by the American Society for Photogrammetry and Remote Sensing, is presented for an outstanding contribution to the evolution of photogrammetric theory, instrumentation, or practice. Ordinary Members (national societies) of ISPRS are invited to recommend recipients of the Award. Recommendations shall be made by two individuals of different nationality and also different from the candidate. Recommendations shall reach the Secretary General of ISPRS, John Trinder, not later than November 1999.

The *Otto von Gruber Award*, sponsored by the ITC Foundation, is presented to the author, not older than 40 years, of a significant paper on photogrammetry or an allied subject written in the four year period preceding the Congress. The Award consists of a medal and a monetary grant. Applications with 3 copies of the paper shall reach the President of ISPRS, Lawrence Fritz, not later than December 1999.

The *Samuel Gamble Award*, sponsored by the Canadian Institute of Geomatics, is presented to persons irrespective of nationality, for their contributions to the administration of the Society or to the organization of activities of the Society's Commissions. Recommendations for the Award shall reach the Secretary General of ISPRS, John Trinder, not later than February 2000.

The *Schwidefsky Medal*, sponsored by the German Society for Photogrammetry and Remote Sensing, is presented to persons who have made significant contributions to photogrammetry and remote sensing, either through the medium of publication as author or editor, or in another form. Recommendations for the Medal shall reach the Secretary General of ISPRS, John Trinder, not later than February 2000.

The *Willem Schermerhorn Award*, sponsored by the Netherlands Society for Earth Observation and Geo-Informatics, is presented to a person who has most significantly contributed to the activities of a Working Group of the ISPRS during the past four year Congress

period. Nominations for the Award shall reach the President of ISPRS, Lawrence Fritz, not later than February 2000.

The *Eduard Dolezal Award*, sponsored by the Austrian Society of Surveying and Photogrammetry, is presented to a person from a developing or reform country, who has successfully contributed to development of applications of photogrammetry and remote sensing. The Award is a grant to cover expenses for the participation in the Congress. It is anticipated that grant funds will be available to cover expenses of three participants for the Amsterdam Congress. Applications shall reach the President of ISPRS, Lawrence Fritz, not later than 31 January 2000.

The *Gino Cassinis Award* has been established by the Italian Society for Surveying and Photogrammetry and presented to persons that have significantly enhanced the mathematical and statistical foundations of the photogrammetry, remote sensing or spatial information services. Nominations for the award shall reach the President of ISPRS, Lawrence Fritz, not later than 31 January 2000.

The ISPRS also awards *Prizes for Best Papers by Young Authors*, who are at most 35 years old and are the single author of a high quality paper presented to the

Submission Deadlines

- The Brock Gold Medal Award to the Secretary General by **November 1999**
- The Otto von Gruber Award to the President by **December 1999**
- The Samuel Gamble Award to the Secretary General by **February 2000**
- The Schwidefsky Medal to the Secretary General by **February 2000**
- The Willem Schermerhorn Award to the President by **February 2000**
- The Eduard Dolezal Award to the President by **31 January 2000**
- The Gino Cassinis Award to the President by **January 2000 (NEW)**
- The Prizes for Best Papers by Young Authors, to the President by **31 January 2000**

Congress. The Prizes are grants to make it possible for the winners to attend the Congress. Applications including the paper shall reach the President of ISPRS, Lawrence Fritz, not later than January 2000. Details will be published in the announcements booklets of the ISPRS Amsterdam Congress in the year 2000. A minimum of 10 prizes of 2,500 Swiss francs each will be available.

Best Poster Paper Awards. The Congress Director will

award the 14 best poster papers given at the Amsterdam Congress.

Regulations and rules of all awards are found in the International Archives of Photogrammetry and Remote Sensing, Vol XXXI, Part A, 1998 (Proceedings of the Vienna Congress 1996), in the so-called "Silver Book" of ISPRS Organization and Programs 1996-2000. Regulations of all awards can be found on the ISPRS Web site - www.isprs.org/documents/awards.



ISPRS Announces Gino Cassinis Award



Preamble

The Gino Cassinis Award, valued at Swf 2,500, will be offered for the first time by the Italian Society for Surveying and Photogrammetry (SIFET) in Amsterdam in July 2000. The award honours the work of Professor Gino Cassinis in ISPRS in teaching and research in photogrammetry for 40 years, and provides ISPRS with further opportunities to recognise the major scientific achievements of scientists working on ISPRS activities. All ISPRS Members are encouraged to consider appropriate candidates for this new award who have significantly enhanced the mathematical and statistical foundations of the photogrammetry, remote sensing or spatial information sciences in the 4 years preceding the Congress. The deadline for submission to the President of ISPRS, of recommendations for candidates is January 2000.

The scientific work of Professor Gino Cassinis enhanced the mathematical and statistical foundations of the surveying and mapping disciplines. He served as President of ISPRS from 1934 - 1938, Congress Director of the 5th ISPRS Congress (Rome, 1938), and as President of ISPRS Technical Commissions for four terms. Furthermore he was elected as an Honorary Member of ISPRS.

Regulations

Article 1

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

Article 2

The Gino Cassinis Award shall consist of a certifi-

cate 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 mathematical and statistical foundations of the 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 Gino Cassinis 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 Gino Cassinis 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.



Invitation to Submit WWW-Links



Request for Details of Important Worldwide Web Links for the ISPRS Homepage

By Tuan-chih Chen and John Felkner, Chairs, WG VI/4 ISPRS



To: All ISPRS ordinary members, associate members, regional members, & sustaining members

From: Technical Commission VI, Working Group 4, ("Internet Resources and Spatial Data Sharing")

Technical Commission VI Working Group 4 is inviting all ISPRS Members to submit details of significant and relevant World Wide Web links for inclusion on the ISPRS Homepage (<http://www.isprs.org>).

The goal is to provide researchers, students, educators and professionals with interests in the activities of ISPRS, with a truly information-rich Web site, on the photogrammetry, remote sensing and spatial information sciences. These details will contribute to the goals of ISPRS of stimulating information exchange and global communication on its topics of interest.

These links should be on one or more of the following categories related to the photogrammetry, remote sensing and spatial information sciences:

- 1.) Web sites of on-line image and/or spatial data;
- 2.) Web sites that provide details of educational courses;
- 3.) Web sites that provide details of freeware or feeware;

ALL MEMBERS are asked to submit details of such links to the Chairs of WG VI/4 to the addresses below by the end of 1999. The links will then be categorized and placed on the ISPRS homepage.

E-mail address:

Professor Tuan-chih Chen: profchen@ms13.hinet.net

Dr. John Felkner: gsd97jjf@gsd.harvard.edu

Thank you for your assistance.



Education, Training, Research and Fellowship Opportunities in Remote Sensing, GIS and its Applications



A Directory

ISPRS Educational Task Force

By Tania Maria Sausen, Chairperson WG VI/1 - Education

One of the Resolutions (G3, Educational Opportunities) of the XVIIIth ISPRS Congress, held in Vienna, Austria in July 1996, endorsed the establishment of an Educational Task Force to facilitate and promote

grants, fellowships, scholarships, tutorials, workshops, and similar educational opportunities. The ISPRS Educational Task Force, has decided to build a directory about Education, Training, Research and Fellowship

Opportunities in Remote Sensing and GIS and its Applications. In order to do this it has been requesting on regular basis to the Educational and Research Institutions around the world information regarding education, training, research and fellowship opportunities available in remote sensing and GIS. At the same time it was asked to Dr. Adigun Ade Abiodun, from the Outer Space Affairs Division of United Nations, to use as basic information the UN directory about Education, Training, Research and Fellowship Opportunities in Space Science available in UN Homepage. In this directory it is possible to get information from all members states that are involved in Space Science. Besides this it has been sent many faxes and e-mail messages to remote sensing and GIS institutions around the world, in order to update the UNU Directory and to get information from institutions that were not in the directory. The information received has been generated this directory. The information contained in this directory for each institution includes its areas of specialisation, the educa-

tional and research programmes offered, the facilities available, the prerequisite qualifications, financial information, fellowship opportunities and opportunities for international co-operation. Addresses and contact points for further information are also included. 108 Institutions in 49 countries are listed in this directory.

<http://www.ltid.inpe.br> (go to Educacao)

If you have any comments and/or updates please contact:

Tania Maria Sausen, Chair WG VI/1 - Education
Instituto Nacional de Pesquisas Espaciais Divisao de Sensoriamento Remoto
Av. dos Astronautas, 1758 - Cx.P.515
CEP 12201-970 Sao Jose dos Campos, SP,
Brazil
Tel: +55 12 345 6862
Fax: +55 12 345 6870
E-mail: tania@ltid.inpe.br



Meeting Announcement



*ISPRS – WG VI/3: “International Cooperation and Technology Transfer”,
ISPRS – WG IV/3: “Temporal Aspects and Topographic Database Maintenance”
and Slovenian Section of Photogrammetry and Remote Sensing
are organizing a joint meeting: Bridging the Gap*

First announcement and call for abstracts

The ISPRS Congress in Amsterdam (16 – 23 July 2000) is approaching fast and technical commissions and working groups are intensively preparing themselves for this great event. Ljubljana meeting is thus very important for both, WG VI/3 and WG IV/3, to round up their work of the inter-congress period and carefully prepare reports and program for the Congress.

All themes that matches terms of references of the both working groups are of interest. Especially papers dealing with solutions and problems on the national-level are highly appreciated. The proposed themes are: GIS (especially data processing and data transfer, national databases – organization, maintenance, experience), cooperation and education, digital mapping, GPS, digital and close range photogrammetry, remote sensing.

The meeting will be held from 2 – 5 February, 2000, but two days before, i.e. 31 January and 1 February, some tutorials will be organized. Topics of tutorials will be sent at the second announcement, as well as registration form for the meeting.

Deadline to submit an abstract: 30 September 1999

Notification of acceptance and second announcement: 15 October 1999

Deadline for papers: 15 December 1999

Final program: 3 January 2000

Contact: Mrs. B. Eng. Mojca Kosmatin Fras

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ISPRS Joint Workshop



Report on the ISPRS Joint Workshop “Sensors and Mapping from Space ‘99”

Hanover, Germany, September 1999

By Younian Wang, Atlanta

The ISPRS Joint Workshop “Sensors and Mapping from Space ‘99” was held in Hanover, Germany from September 27 to 30, 1999 and hosted by Institute for Photogrammetry and Engineering Surveys, University of Hanover. The workshop was co-organized by the three ISPRS working groups WG I/1 “Sensor Parameter Standardisation and Calibration”, WG I/3 “Sensors and Platforms for Topographic Survey”, and WG IV/4 “Mapping Using High Resolution Satellite Imagery”. More than 70 participants from over 20 countries attended the workshop in which 48 high quality scientific papers were presented in 14 sessions. The main topics of the workshop covered the following scientific and technical aspects:

- New and high resolution satellite systems
- Digital cameras
- Image orientation and calibration
- Geometric and radiometric image processing and data fusion
- Image analysis and object recognition
- SAR and laser scanner
- MOMS
- Topographic and thematic mapping

The successful launch of IKONOS-2, the world’s first commercial 1-meter resolution satellite images, three days before the workshop inspired a hot start with the session on New satellite and high-resolution satellite systems. Several up-coming satellite systems such as SPOT 5, Landsat 7, ALOS, OrbView and RapidEye were introduced in detail. A presentation about the rapid growth of small satellites and its imaging potential for GIS applications also attracted great attention. Several presentations about new digital cameras for airborne imaging purpose and their applications in mapping projects showed further advances in the digital mapping era.

Several new methods for satellite image orientation and triangulation were presented in the workshop. The geometric and radiometric rectification and modeling of many kinds of remotely sensed images including SPOT, IRS-1C, MOMS and Landsat images were also discussed. Some new techniques for image analysis and object recognition from satellite images were introduced. Another focus point of the presentations was the data integration and data fusion of various sources of imagery. These presentations have shown possible ways and the benefits to integrate multi-sensor, multi-spectral, multi-resolution, optical and SAR images to fulfill the

needs of different applications and to improve the efficiency and accuracy.

Mapping from space with SAR data, especially DEM extraction using interferometric SAR also attracted great attention of the audience. Some new SAR systems of German and Canadian developers were introduced in the workshop. There was also an interesting comparison of DEMs extracted from SAR and from laser scanner images, in addition to the presentations about calibration procedures and quality assessment of laser scanner data.

The German MOMS project delivered images from the MIR station with one of the highest resolution currently available (6-meter ground pixel size) and along-track stereo viewing capacities. Several presentations have thoroughly investigated the mapping potential of MOMS images, the triangulation and DEM generation methods, the geometric calibration of the sensors, band to band image registration, applications of its multi-spectral images, and design and system aspects.

Some other topographic mapping techniques with satellite images other than MOMS, such as SPOT and IRS-1C, were also presented in the workshop. The suitability and economics of using satellite images for topographic mapping were discussed. They indicated that high-resolution satellite images would play a major role for the update of the medium scale topographic database. There was also a report about the impact of image compression techniques onto the accuracy of the DEMs derived from satellite images, which could be very helpful for the users of compressed images to choose the suitable compression methods and factors. A very interesting presentation about using multimedia tools for the education on map making from space lead to a lively discussion about the impact and the possible revolution of the computer technology in photogrammetric and cartographic education.

The workshop proceedings were published by the Institute for Photogrammetry and Engineering Surveys, University of Hanover on a CD with a separate booklet of abstracts. The proceedings are also available on the institute’s website at <http://www.ipi.uni-hannover.de> under publications.

After the conclusion of this very successful workshop, many of the participants stayed until October 1st and

joined the colloquium for the celebration of the 50th anniversary of the world famous education and research institution in photogrammetry and remote sensing, the Institute for Photogrammetry and Engineering Surveys, University

of Hanover. From tracking the history of the institute's 50 years research, one can positively predict that mapping from space will gradually substitute the current major mapping method of mapping from air.



Documents Received by Secretary General ISPRS - John Trinder



From April 1999 (Bangkok Meeting) to September 1999 (The Netherlands Meeting)

Newsletter No 70 of the International Council of Science (ICSU), June 1999

LUCC Report Series no 3 – Survey of needs, gaps, and priorities on data for land-use/land cover change research – Barcelona 11-14 November 1997

50 years of UN Peacekeeping – Published by UN

Maliwan – Newsletter of FAO Regional Office for Asia and the Pacific – January-April 1999

UATI Special Publication – April 1999

The Map report, Newsletter No 7 of the International Map Trade Association, July 1999

NNRMS Bulletin (B) 23 of the National Natural Resources Management System in India – June 1999

OEEPE Newsletter 1999-1

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