

General Assemblies

Ordinary Member Delegates and Advisers to ISPRS General Assembly

Delegates and Advisers (Non-voting) to ISPRS General Assembly

Council, Financial Commission and Honorary Members

ISPRS General Assemblies, Agenda

Decisions of the ISPRS General Assembly XIXth ISPRS Congress

Minutes of ISPRS General Assemblies XIXth ISPRS Congress

President's Report to the General Assembly for the 1996-2000 Term

Report of ISPRS Secretary General 1996-2000

Report of ISPRS Treasurer to ISPRS General Assembly

Report of the Financial Commission 1996-2000

Report on Inter-organisational Relations, by John C. Trinder, Secretary General

ISPRS - A Strategic Plan for the 21st Century, Lawrence W. Fritz, ISPRS President

Ordinary Member Delegates and Advisers to ISPRS General Assembly 19th ISPRS Congress, Amsterdam 2000

General Assembly 16-23 July 2000				
Ordinary Member	Cat.	Vote	Delegate	Advisers
Category 8				
Canada	8	Yes	Dr. Costas Armenakis	Dr. J. M. Zarzycki Dr. David Woolnough
Germany	8	Yes	Prof. Dr. Jörg Albertz	Prof. Dr. H. Ziemann Dr. M. Wiggenhagen Dr. Klaus Komp
India	8	Yes	Dr Dasika P. Rao	Dr. George Joseph Dr. R.R. Navalgund
Russian Federation	8	Yes	Mr. Sergey Lazarev	Mr. Pavel Shevtsov Mr. Serguei Nekhine
United States of America	8	Yes	Mr. Alan Mikuni	Dr. Stanley Morain Mr. James Plasker
Category 7				
China	6	Yes	Prof. Yang Kai	Prof. LI Deren Mr. Bai Bo
Japan	7	Yes	Prof. Haruhisa Shimoda	Prof. Eihan Shimizu Prof. Yoshifumi-Yasuoka
Category 6				
France	6	Yes	Mr Gérard Begni	Ms I. Veillet
Italy	6	Yes	Mr. Gianfranco Forlani	
Spain	6	Yes	Ramon Lorenzo Martinez	Mr F. Papi Montanel Mr J. Miranda Canals
United Kingdom	6	Yes	Dr Roger Kirby	Dr Ian Downey Mr Paul Newby
Category 5				
Australia	5	Yes	Dennis J. Puniard	
Brazil	5	Yes	Prof. Camillo José Martins Gomez	Dr. Tanja Maria Sausen Prof. Ana Maria Coutinho
Finland	5	Yes	Mr. Matti Virrantaus	Prof. Henrik Haggren Mr. Petri Rönholm
Category 3				
South Africa	5	Yes	Robert Wooding	Julian Smit Patrick Vorster
Sweden	5	Yes	Anders Boberg	
Category 4				
Austria	4	Yes	Prof K. Kraus	Prof. G. Brandstätter
Belgium	4			

Ordinary Member	Cat.	Vote	Delegate	Advisers
China-Taipei	4	Yes	Prof. A. J. Chen	Prof. S. C. Wang Mr. Y.-S. Chang
Indonesia	4		Prof. Dr. Joenil Kahar	Ir. Leo Nardy Ir. Tantan Ruchiatan
Jordan	4	Yes	Saliem Khalifeh	Khalil Salameh Ahmad Al-Mufleh
The Netherlands	4	Yes	Prof. Martien Molenaar Ir. Gerard Nieuwenhuis	Prof. George Vosselman
Saudi Arabia	4			
Switzerland	4	Yes	Prof Armin Grün Thomas Kersten	Christoph Eidenbenz
Category 3				
Algeria	3	Yes	Kesraoui Arezki	
Denmark	3	Yes	Poul Frederiksen	Lars Tyge Jørgensen Soren Ellegaard
El Salvador	3	Yes	Mr. José Mario Sorto Hernández	Mr. Carlos G.
Hungary	3	Yes	Dr. A. Detrekoi	Dr. G. Mélykuti Dr. Peter Winkler Mr. G. Remetey-Fülöpp Mr. M. Gross
Morocco	3	Yes	Mr. Mohamad Hmam	Mr. A. El Himdy Mr. J. El Fouar
Nigeria	3		Prof. O.O. Ayeni	Mr J.D. Ajayi Dr J.B. Olaleye Dr P.C. Nwilz
Norway	3	Yes	Mr. Oystein Andersen	Mr. Ingolf Hadem Mr. Ivar Maalen- Johansen
Poland	3	Yes	Jozef Jachimski	Adam Linsenbarth Romuald Kaczynski
Sri Lanka	3	Yes		
Syria	3	Yes		
Ukraine	3			
Category 2				
Argentina	2	Yes	Ing. R. O. Di Genova	Ing. J. E. Julia
Bangladesh	2	Yes	Ms Iffat Huque	Dr. Khaled Hasan
Belarus	2			
Bulgaria	2	Yes	Dr. Ivan Katzarsky	Mr. Alexander Lazorov Ms Mariela Stoyanova
Colombia	2			
Croatia	2	Yes		
Cyprus	2			
Czech Republic	2	Yes	Mr. Pavel _idlickovsk_	Mr. Ladislav Skládál Mr Václav Safá_
Greece	2	Yes	Mr. Potsiou Chryssy	Mr. Patias Petros Prof. John Badekas
Egypt	2	Yes	Dr. Dalal An-Naggar	Dr. Mahmud An- Nuqrashi Eng. Muhammad Reda Abdel Rahman
Hong Kong	2	Yes	Mr Man Wing-kan	
Ireland	2	Yes		
Israel	2	Yes	Dr. Joseph Forrai	Dr. Maxim Shoshani Mr. Moshe Felus Dr. Dan Blumberg Prof. Y. Doytsher

Ordinary Member	Cat.	Vote	Delegate	Advisers
				Dr. Amnon Krupnik Dr. Ammatzia Peled Dr. Yuri Raiyman
Korea	2		Mr. Choen Kim	
Kuwait	2	Yes		
Malawi	2	Yes		
Malaysia	2	Yes	Dr Abdul Kadir Taib	Mr Wan Zainudin Wan
		Yusoff		
Mexico	2	Yes	Mr Francisco J. Jimenez	Mr Antonio Hernandez
Myanmar	2			
New Zealand	2	Yes		
Portugal	2			
Romania	2	Yes	Mr. Lucian Turdeanu	Nicolae Zegheru Ion Ionescu Dr. Viktor Gregor
Slovakia	2	Yes	Prof. Pavel Barto_	
Suriname	2			
Thailand	2	Yes	Col. Wirat Yimchareon	Various
Turkey	2	Yes	Maj. Gen.Mehmet Baspinar	Prof. Orhan Altan Col. Eng. Mustafa Önder
Venezuela	2		Ms Gloria González	
Yugoslavia	2			
Category 1				
Albania	1			
Azerbaijan	1			
Benin	1			
Bolivia	1			
Botswana	1	Yes	Mr. Bryson B.H. Morebodi	
Brunei	1	Yes		
Burkina Faso	1	Yes	Mr. D. Tarananbusida	Mr. B.C. Tapso
Cameroon	1	Yes	Mr Frederic Happi Mangoua	Mr Pangob Joseph Mr Ti Hakwa Mr. Rodrigo Barriga
Chile	1	Yes	Mr. Sergio Matus	
Congo (DRC)	1			
Congo (PRC)	1			
Cote d'Ivoire	1			
Cuba	1	Yes		
Eritrea	1			
Ethiopia	1	Yes	Hadgu G.Medhin	
Ghana	1	Yes		
Iran	1	Yes	Mr. Mohammad Sarpoulaki	Mr. Ali Eslami Rad
Iraq	1			
Kenya	1	Yes		
Latvia	1	Yes	Uldis Zuments	Valdis Vanags
Lebanon	1	Yes		
Libya	1			
Lithuania	1	Yes	Biruti Ruzgiene	
Madagascar	1	Yes		
Mongolia	1	Yes	M. Saandar	G. Erdenemunkh
Namibia	1	Yes		
Nepal	1	Yes	Buddhi N. Shrestha	Babu Ram Shrestha Arabubda Tuladhar
Pakistan	1	Yes		
Peru	1	Yes		
Philippines	1	Yes		
Qatar	1			
Slovenia	1	Yes	Mr. Mojca Kosmatin Fras	Ms Maryana Duhovnik Ms Bernarda Petri_ Ms Yanez Ovien

Ordinary Member	Cat.	Vote	Delegate	Advisers
Sudan	1			
Tanzania	1	Yes	Mr. Selassie David Mayunga	
Tunisia	1			
United Arab Emirates	1			
Uruguay	1			
Vietnam	1	Yes	Mr. Nguyen Dinh Duong	
Zambia	1			
Zimbabwe	1		Ms Tabitha Joyce Chima	

Delegates and Advisers (Non-voting) to ISPRS General Assembly 19th ISPRS Congress, Amsterdam 2000

Associate Member	Cat.	Delegate	Advisers
Australia	5		
Colombia	2		
India	8	Lt.Gen. A.K. Akiya	Lt. Col. R. Swakumar
Iran	1	Mr. Parviz Tarikhi	
Iran - JIK	1	Dr A. A. Abkar	
Iran - TGIC	1	Mr M. Moeini	
Italy	6	Dr. Mario Gomarasca	Prof. Giovanni Lechi
Korea (GIS)	2		
Korea (RS)	2		
Pakistan	1		
Russia	2	Dr V. Lvov	
Thailand	2		

Associate Member	Cat.	Delegate	Advisers
AARS	1	Mr. Manu Omakupt	Dr. Ryutaro Tateishi
AARSE	1		
CILSS AGRHYMET	1		
EARSel	1	Prof. G. Konecny	Dr. Lucas Janssen
OACT	1		
OEEPE	1	Mr Chris Paresi	Prof Kennert Torlegård
PAIGH	1		
SELPER	1		
SOPAC	1		



The General Assembly



The Council



Commission Presidents



From left to right: G. Konecny, K. Torlegard, Prof. Hans van Ginkel and his wife



General Assembly voting



Delegates of GA casting their ballots



Gesina Bottcher and Joan Heckman counting the votes



Indonesian delegation



Turkish delegation



Chinese delegation



Russian Federation delegation



Hungarian delegation



German delegation



Indian delegation



Dutch delegation



Egyptian delegation



Brazilian delegation



Swiss delegation

Council, Financial Commission and Honorary Members

COUNCIL	Financial Commission	Honorary Members
Mr. Lawrence W. Fritz Prof. John Trinder Prof. Klaas Jan Beek Prof. Heinz R��ther Prof. Shunji Murai Mr Marcio Barbosa	Prof. Armin Gr��n Mr Anders Boberg Dr Ivan Katzarsky Mrs. Aino Savolainen Prof. Wang Zhizhou Prof. Gottfried Konecny	George de Masson d'Autume Prof. Friedrich Ackermann Dr Frederick Doyle Mrs. Aino Savolainen Prof. Gottfried Konecny Prof. Wang Zhizhou Prof. Shunji Murai

ISPRS General Assemblies Agenda

Sunday 16 July 13.00 – 17.00

1. President's Welcome
2. Introduction of Invited Persons
3. Certification of Delegate Credentials
4. Approval of Agenda
5. Explanation of Voting Rights
6. Admission of New Members
7. Changes of Category
8. Members in Default
9. Ratifications
- 9.1. New Awards - Helava; Cassinis
- 9.2. Gifts - Young Authors; CATCON
- 9.3. Memoranda of Agreement OOSA; ICORSE; SDH
- 9.4. Guidelines - Orange Book; Other
- 9.5. Contracts - Journal, Highlights, Financial
10. Presentation of Strategic Plan
11. Member Proposals to Host the 20th Congress in 2004
- 11.1. China
- 11.2. Spain
- 11.3. Turkey

12. Proposed Amendments to the Statutes and Bylaws

13. Discussion of Amendments to Statutes and Bylaws

Tuesday 18 July 15.00-18.00

14. Presentation of Awards
- 14.1. Gamble Award
- 14.2. Doleřal Award
- 14.3. Helava Runner-up Certificates
15. Election of Host for the 2004 Congress
16. Reports of Council
- 16.1. President
- 16.2. Secretary General
- 16.3. Treasurer
17. Ratification of the Congress Director
18. Discussion and Decision on Strategic Plan
19. Nominations for Members of Council
20. Decision on Amendments to Statutes and Bylaws
21. Member Proposals to Host the Technical Commissions for 2000-2004

Thursday 20 July 15.00 – 18.00

22. Election of President

- | | |
|---|---|
| 23. Election of Secretary General | 31.3. Home Page |
| 24. Election of Second Vice President | 32. Recognition of Editors and Committee Chairs |
| 25. Election of Treasurer | |
| 26. Appointment of First Vice President | Saturday 22 July 15.00 – 17.00 |
| 27. Election of Member Hosts of Technical Commissions 2000-2004 | 33. Election of Chair and Members of the Financial Commission |
| 28. Nominations for Chair and Members of the Financial Commission | 34. Congress Director's Report |
| 29. Discussion on Members in Default of Contribution | 35. Approval of Resolutions for 2000-2004 |
| 30. Report on Inter-Organisational Relations | 36. Report of Financial Commission |
| 31. Reports on Communications | 37. Decision on Unit of Subscription |
| 31.1. Journal | 38. Decision on Members in Default of Contribution |
| 31.2. Highlights | 39. Other Business |
| | 40. Close of General Assembly |

Decisions of the ISPRS General Assembly

XIXth ISPRS Congress, Amsterdam, The Netherlands, 16-23 July 2000

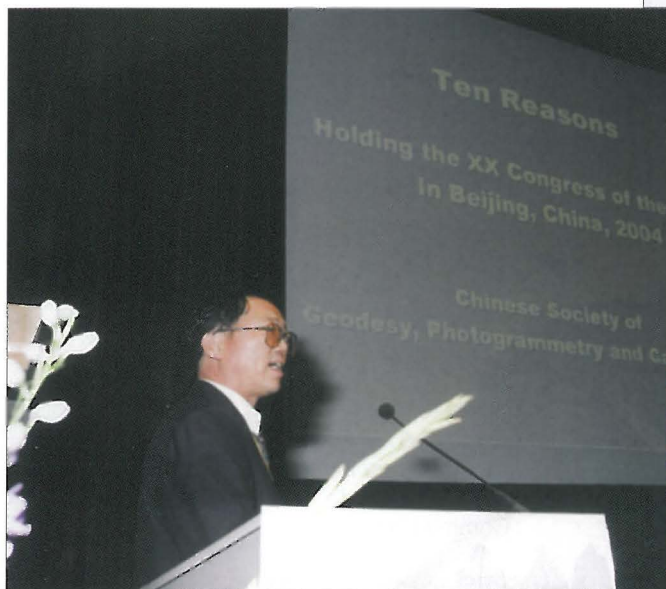
1. Changes of Category
 - Increase of category of China Tapei from 3 to 4.
 - Increase of category of China from 6 to 7.
 - Decrease of category of Indonesia from 4 to 1.
2. Members Admitted
 1. Ordinary Members previously admitted by postal ballot and formally admitted at the General Assembly
 - Botswana – Department of Surveys and Mapping, Government of the Republic of Botswana
 - Eritrea – Mapping and Remote Sensing Centre
 - El Salvador – Instituto Geográfico Nacional
 - Bangladesh – Environment and GIS Support Project for Water Sector Planning (EGIS – II)
 - Benin – National Center for Remote Sensing and Forest Cover Monitoring - CENATEL
 - Cameroon – La Cameroon GEOMAT (LACG)
 2. Associate Members previously admitted by postal ballot and formally admitted at the General Assembly
 - Indian National Cartographic Association (INCA)
 - Agustín Codazzi Geographic Institute, Colombia
 - Pakistan Space and Upper Atmosphere Research Committee (SUPARCO)
 - Department of Natural Resources, Queensland, Australia
 - Russian Public Organisation: "Society of Contribution to the Development of Photogrammetry and Remote Sensing"
 3. Associate Members admitted at the General Assembly
 - Jahad/ITC/KN Toosi Joint Education Program – An International Advanced School in RS & GIS (JIK) Tehran Geographic Information Centre (TGIC)
 4. Regional Members previously admitted by postal ballot and formally admitted at the General Assembly
 - CILSS/Centre Regional AGRHYMET
 - SOPAC – South Pacific Applied Geoscience Commission
3. New ISPRS Awards were ratified
 1. "The U.V. Helava Award" valued at Swf 10,000,- jointly supported by LH Systems and Elsevier Science B.V. for papers published in the Journal.
 2. "The Gino Cassinis Award" supported by the Italian Society for Surveying and Photogrammetry for persons significantly enhancing the mathematical and statistical foundations of photogrammetry, remote sensing or spatial science for Swf 2,500,-.
4. Approved Donations
 1. SwF 12,500 from the Japan Society of Photogrammetry and Remote Sensing and SwF 7,500 from the Joint ISPRS/EARSeL Workshop to support the Young Authors' Award.
 2. A donation of US\$ 4,500 from Central Computer Service of Japan to support the Computer Aided Teaching software contest.
5. Approved Memorandums of Understanding and Letters of Intent
 1. MoU between ISPRS and the UN Office of Outer Space Affairs (OOSA) in Vienna.



Spanish presentation



Turkish presentation by M. Orhan Altan



Chinese presentation



Andre Streilein, ISPRS Webmaster



Lucas Janssen, Editor ISPRS Highlights



Armin Grün, Chairman of Finance Commission



Council 1996-2000 from left to right: Shunji Murai, Marcio Barbosa, Lawrence W. Fritz, John C. Trinder, Heinz R  ther and Klaas Jan Beek.



Council 2000-2004 from left to right: G  rard Begni, Lawrence W. Fritz, Ian J. Dowman, John C. Trinder, Ammatzia Peled and M. Orhan Altan

2. A Letter of Intent for Closer Collaboration with the International Center for Remote Sensing of Environment (ICORSE)
3. Letter of Intent for Closer Collaboration with the Geographical Information Science (GISc) Study Group of the International Geographical Union.
6. Approved New Contracts
 1. Approved a contract with Elsevier Science, The Netherlands, for publication of the ISPRS Journal for period 2000-2004.
 2. In principle approval of a contract with GITC by, The Netherlands, for publication of ISPRS Highlights.
 3. The appointment of a Financial Consultant to assist Treasurer and Council with financial management and planning.
7. Ratified reviewed and new ISPRS Guidelines
8. Elected the Ordinary Member from Turkey to Host the 2004 Congress in Istanbul, Turkey
9. Ratified the Congress Director Altan (Turkey)
10. Elected the new ISPRS Council
President: John Trinder (Australia)
Secretary General: Ian Dowman (UK)
Second Vice President: G. Bégni (France)
Treasurer: A Peled (Israel)
11. Appointment the First Vice President
Lawrence W. Fritz (USA)
12. Approved new Amendments to Statutes and Bylaws of the Society
13. Elected the Technical Commissions Presidents 2000-2004
Commission I - Stanley Morain (USA)
Commission II - Chen Jun (China)
Commission III - Franz Leberl (Austria)
Commission IV - Costas Armenakis (Canada)
Commission V - Petros Patias (Greece)
Commission VI - Tania Maria Sausen (Brazil)
Commission VII - Rangnath R. Navalgund (India)
14. Appointed the Chair and Members of the Financial Commission as follows:
Chair: Professor H. Ruther (South Africa)
Members: Iffat Huque (Bangladesh)
Dr M. Barbosa (Brazil)
15. Determined procedures for managing ISPRS Members in default
16. Agreed to maintain the subscription fees for 2000-2004 at their current levels
17. Approved Congress Resolutions
18. Approved the new logo for the Society

Minutes of ISPRS General Assemblies

XIXth ISPRS Congress, Amsterdam, The Netherlands, 16-23 July 2000

First General Assembly, Sunday, 13.00–17.00 16th July 2000

1. President's Welcome

President Fritz welcomed all Delegates, advisors and observers to the General Assembly of XIXth ISPRS Congress. He introduced the members of the Council, the Financial Commission, Honorary Member Professor Gottfried Konecny and the Secretariat Staff.

2. Introduction of Invited Persons

President Fritz welcomed as invited guests to the General Assembly, the President, Professor Bengt Rystedt and Secretary/Treasurer Professor Ferjan Ormeling of the International Cartographic Association (ICA), The Director of the International Hydrographic Society (IHO) RADM Neil Guy and the Chairman Mr. Alex Tuyahov and Executive Officer Professor Charles Hutchison of the International Center for Remote Sensing of Environment (ICORSE).

3. Certification of Delegate Credentials

Secretary General Trinder called the roll of Ordinary, Associate and Regional Members.

4. Approval of Agenda

The Agenda was approved by the General Assembly.

5. Explanation of Voting Rights

Secretary General Trinder explained that Ordinary Members must have paid their subscription fees for the years up to and including 1999 to be eligible to vote in the General Assembly. At the time of the first General Assembly there were 64 Ordinary Members entitled to vote, representing 197 votes.

6. Admission of New Members

President Fritz presented a Certificate of Ordinary Membership to the Delegate from Bangladesh, Environment and GIS Support Project for Water Sector Planning (EGIS-II).

The application for Regional Membership from South Pacific Applied Geoscience Commission (SOPAC) was approved.

7. Changes of Category

The Council has approved the change of category of the Ordinary Member from China Taipei from Category 3 to Category 4. The General Assembly endorsed Council's approval.

The Ordinary Member from China requested to change its category from 6 to 7. The change was approved by the General Assembly by acclamation.

The Ordinary Member from South Africa sought approval to reduce its position in Category 5 to Category 2. The decision on this request was deferred for later consideration pending supporting evidence.

8. Members in Default

President Fritz stated that a number of members were seriously in default of payment of their subscriptions. The Financial Commission concurs that Council take action on these Members. The President outlined several lines of action that Council may take on these defaulting Members, possibly leading to the "unpleasant task" of cancellation of membership. The GA was requested to offer a motion for action.

9. Approvals and Ratifications of Council Activities

9.1 New Awards

First Vice President Murai presented two new awards approved by Council for ratification by the General Assembly:

- 1 "The U.V. Helava Award" jointly supported by LH Systems and Elsevier Science B.V. for the most outstanding papers published in the Journal.
- 2 "The Gino Cassinis Award" supported by the Societa Italiana di Fotogrammetria e Topografia for individuals significantly enhancing the mathematical and statistical foundations of photogrammetry, remote sensing or spatial science.

These Awards were ratified by the General Assembly.

9.2 Donations

Treasurer R ther presented details of donations received by ISPRS:

- 1 Donation of SwF 12,500 from the Japan Society of Photogrammetry and Remote Sensing and SwF 7,500 from the "Joint ISPRS/EARSel Workshop, Valladolid 99" to support the Young Authors Awards.
- 2 A donation of ¥500,000 (approximately US \$ 4,500) from Central Computer Service of Japan to support the 2nd Computer Aided Teaching (CATCON2) software contest.

The Donations were ratified by the General Assembly.

9.3 Memorandums of Understanding

President Fritz presented three formal ISPRS agreements:

- 1 Memorandum of Understanding with UN Office of Outer Space Affairs (OOSA).
- 2 Letter of Intent for Closer Collaboration with the International Center for Remote Sensing of Environment (ICORSE).
- 3 Letter of Intent for Closer Collaboration with the Geographical Information Science (GISc) Study Group of the International Geographical Union.

The agreements were ratified by the General Assembly.

9.4 Guidelines

Secretary General Trinder presented a new guidelines document, the "Manual of Operation for ISPRS Technical Commissions and Working Groups" (Orange Book), and the following new and/or revised Guidelines:

- Guidelines for Members Planning to Host an ISPRS Congress
- Guidelines for Candidates for Members of the Council
- Guidelines for ISPRS Financial Commission (new)
- Guidelines for ISPRS Council Spending Policy (new)
- ISPRS Awards Policy (new)
- Guidelines for Preparation of National Reports for Amsterdam Congress 2000
- Terms of Reference for Sustaining Members

The Guidelines were ratified by the General Assembly.

9.5 Contracts

President Fritz presented three contracts for ratification:

- 1 Elsevier Science, publisher of the ISPRS International Journal of Photogrammetry and Remote Sensing for period 2000-2004. The President strongly supported this contract as it was at no cost to the Society, with significantly improved terms for subscriber benefits.
- 2 GITC B.V., publisher of ISPRS Highlights. Secretary General Trinder has not finalised this contract but Council is close to agreement with GITC. Ratification in advance was sought.
- 3 Financial Consultant, Ms Susan Curtis-Pugh to assist the Treasurer and Council with financial management and planning.

The GA ratified the contracts.

10. Presentation of Strategic Plan

President Fritz presented the Strategic Plan for the Society, which has been developed and initiated by Council. A summary copy of the document "ISPRS – A Strategic Plan for the 21st Century" was distributed to all Delegates for discussion and approval.

11. Member Proposals to Host the 20th Congress in 2004

The following Ordinary Members presented their proposed venue and candidate for Congress Director:

- China proposed Beijing and Professor Yang Kai
- Spain proposed Barcelona and Mr. Jaume Miranda
- Turkey proposed Istanbul and Professor Orhan Altan

12. Proposed Amendments to the Statutes and Bylaws

Delegates were provided with an annotated version of the Statutes and Bylaws showing proposed changes and rationale, which 2nd Vice President Barbosa summarised for the GA. Delegates were requested to submit further modifications for GA consideration, in written form, to the 2nd VP within 24 hours.

13. Discussion of Amendments to the Statutes and Bylaws

The EARSel Representative spoke against the change from "Ordinary Member" to "National Member". He stated that ISPRS wishes to unite all Societies, irrespective of political issues. Second Vice President Barbosa noted that the proposed changes had already been cir-

culated six months in advance to members for review and comment and no adverse comments had been made.

The Delegate from Switzerland congratulated the Council on most of the changes but also spoke against the change from "Ordinary Member" to "National Member". He felt that the term "National Member" was old-fashioned and would lead to confusion with Associate Membership. The suggested term was "Regular Members".

The Delegate from China supported the comment by the EARSeL Delegate. He remarked that a "National Member" would indicate that there could only be one member per country. President Fritz stated that ISPRS is not a political organisation and that the term "Ordinary" is somewhat derogatory in the English language.

The Delegate from USA noted that 25% of their membership comes from outside the USA.

The Delegate from UK asked, and Council agreed, for their Resolution on Bylaw XIII for improving the effectiveness of Commission Correspondents to be circulated.

The Delegate from Australia asked for confirmation that in future there would be a contract for the Congresses with a guaranteed return to the Society. The response was in the affirmative.

The Delegate from Austria commented that it was reasonable for the Society to receive some return from the Congress but that the Society should provide "seed" money. Second Vice President Barbosa stated that the organisers for future Congresses would be offered an interest-free loan of up to Swf 100,000.

The Delegate from Sweden stated that Statute I seemed to place international co-operation before science.

The Delegate for Switzerland asked whether Bylaw XIII.10 would force Commission Presidents to have a Working Group for each Resolution relating to the Commission. The President stated that all resolutions must be addressed by the Commissions or by Council, but not necessarily by creation of specific Working Groups.

The first General Assembly adjourned at approximately 5 pm.

Second General Assembly, Tuesday, 15.00-18.00 18th July 2000

1. Presidents Welcome

President Fritz welcomed Honorary Member Professor Friedrich Ackermann, ITC Rector, Professor Karl Harmsen, the CEO of LH-Systems Mr. Bruce Wald, winners of awards and other guests.

6. Admission of New Members

Certificates of Membership in good standing were presented to Delegates of new Ordinary Members from Botswana, the Department of Surveys and Mapping, and El Salvador, Instituto Geográfico Nacional.

An application for Associate Membership was received from The Russian Public Organization "Society of Contribution to the Development of Photogrammetry and Remote Sensing". The application for Membership was approved.

7. Changes of Category

Council reviewed the request from South Africa to reduce its positional membership from Category 5 to 2 and did not support it. The President asked whether a donor organisation could be sought to support Category 5 membership. The Delegate from South Africa stated that the reasons for the application were purely financial. They have only 146 members and no support from Government. The request for positional reduction had been sent 6 months ago and since then the Society had amalgamated with another society. This may alleviate the problem. The GA agreed to defer for six months any decision for positional reduction of category of membership.

14. Presentation of Awards

14.1 Gamble Awards Were Introduced and Presented by Treasurer Professor R  ther to:

- Dr. Adigun A. Abiodun (Nigeria), Senior Special Assistant to the President on Space Science & Technology, Nigeria and former UN Expert on Space Applications (in absentia)
- Professor Bruce Forster (Australia), Professor of Geomatic Engineering at the University of New South Wales

14.2 The Eduard Dole  al Awards Were Presented by President Fritz and the Representative of the Austrian Society for Surveying and Geoinformation, Professor Karl Kraus to:

- Dr. I. Katzarsky, Bulgaria
- Dr. U.R. Rao, Indian Space Research Organisation (ISRO), India
- Parviz Tarikhi, Iranian Remote Sensing Centre (IRSC) Iran

14.3 Helava Runner-up Certificates Were Presented by Treasurer R  ther and Mr. Bruce Wald, CEO of LH Systems to:

- 1997 Best Paper Award: Liang Tang, Josef Braun, Rasmus Debitsch
- 1998 Best Paper Award: E. Jeroen Huising, Luisa M. Gomes Pereira
- 1999 Best Paper Award: V. Sequeira, K. Ng, E. Wolfart, J.G.M. Gonalves, D. Hogg

3. Certification of Delegate Credentials

Secretary General Trinder called the roll. There were 49 Ordinary Members present, representing 182 votes.

15. Election of Host for 2004 Congress

The Secretary General explained the voting procedure and called for the first vote.

The result of the first ballot was:

China	64
Spain	45
Turkey	73
Invalid	1

Spain was eliminated and a second ballot called. The result was:

China	69
Turkey	113

The Turkish National Society of Photogrammetry and Remote Sensing Turkey was elected to Host the 2004 Congress. The President informed the losing delegations of their rights to apply for other Council positions or for hosting Commissions.

16. Reports of Council

16.1 President

President Fritz presented his report for his term of office while the first ballot was being counted.

16.2 Treasurer

Treasurer R  ther presented the April 1996 through March 2000 Financial Report while the second ballot was being counted.

17. Ratification of Congress Director

The appointment of Professor Orhan Altan as the Congress Director was ratified by acclamation.

The Delegate from Turkey and the Congress Director designate Professor Orhan Altan both gave short speeches of thanks.

18. Discussion of the Strategic Plan

There was no discussion from the floor and the Plan was approved by acclamation.

19. Nominations for Council

The President explained that at least three current members of the Council must be new appointments.

Nominations received were:

President:	John Trinder (Australia)
Secretary General:	Ian Dowman (UK)
Second Vice President:	Gerard Begni (France)
Treasurer:	Ammatzia Peled (Israel)

Since there were no competing nominations, the new Council members were declared elected by acclamation. The President formally presented the new Council to the General Assembly.

The Delegate from Egypt commented on the gender imbalance on the new Council. The President noted that two women had served on recent Councils and that there was neither implied or intended gender bias by the Council nor

could Council make nominations. The Secretary General stated that it was the responsibility of the Ordinary Members to nominate candidates for positions on the Council and the Members should consider this issue. He encouraged Members to nominate more women for positions on the Council for the 2004-2008 term.

20. Decision on Amendments to Statutes and Bylaws

Second Vice President Barbosa presented a summary of the written comments and suggestions received from France, Japan and Mexico. As a result, he stated that:

- Bylaw VI.2.(b) wording has been changed to "less than 51" for Associate Membership category 1.
- Statute VI.1 Council agreed to withdraw the change of name of "Ordinary Members" to "National Members". There was no further discussion of this amendment from the floor.
- Council offered no opinion on the proposal made by Mexico regarding Statute I.

Sweden requested that their amendment to Statute I be circulated for the next session of the General Assembly. They were informed that their proposed amendment to Statute I must be submitted in writing to the 2nd VP.

All amendments to Statutes and Bylaws were approved by the General Assembly, except for Statute I, the approval of which was deferred until the 3rd session of the General Assembly.

21. Member Proposals to Host the Technical Commissions for 2000-2004

China announced that they changed their proposal for Commission IV to Commission II while retaining their nomination of Professor Chen Jun for Commission President.

The following Members proposed to host Technical Commissions and each gave a short presentation that included their Commission plan, nominee and Symposium venue.

Technical Commission I:

Germany, Dr H. Ziemann as President (Dessau)
USA, Professor S. Morain as President (Albuquerque)

Technical Commission II:

- Switzerland, Professor O. K  lbl as President (Lausanne)
- China, Professor Jun Chen as President (Beijing)

Technical Commission III:

Austria, Professor F. Leberl as President (Graz)

Technical Commission IV:

- Canada, Dr. C. Armenakis as President (Ottawa)
- The Netherlands, Professor M. Molenaar as President (Enschede)

Technical Commission V:

- Greece, Professor P. Patias as President (Thessaloniki)

Technical Commission VI:

- Brazil, Dr. T. M. Sausen as President (Sao Jos   dos Campos)

Technical Commission VII:

- India, Dr. R. R. Navalgund as President (Ahmedabad)
- Japan, Professor Y. Yasuoka as President (Tokyo)

The session adjourned at approximately 6 pm.

Third General Assembly, Thursday, 15.00 – 18.00 20th July 2000

1. Presidents Welcome

President Fritz welcomed Honorary Members F. Ackermann and G. Konecny, former President Kennert Torlegård, Dr. Hans van Ginkel, UN Under-Secretary-General and Rector of the UN University, and other guests.

14. Awards

First Vice President Murai introduced and presented the Young Authors Award certificates to (some were presented in absentia):

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

6. Admission of New Members

The new Associate Members, the Indian International Cartographic Association and The Russian Public Organization "Society of Contribution to the Development of Photogrammetry and Remote Sensing" were presented with membership certificates.

Applications for Category 1 Associate Membership from Iran, the Jihad/ITC/KN Toosi Joint Education Program (JIK), and the Tehran Geographic Information Centre were approved.

7. Changes of Category

The Delegate from Indonesia requested a change in Category from 4 to 1. The current political and economic situation meant that members and sponsors were decreasing. The Delegate agreed that when the current economic problems were resolved and sponsors could be found, they would return to Category 4. The request was approved with no objections from the floor.

20. Amendments to Statutes and Bylaws

Sweden presented an amendment to Statute I proposing that international co-operation should be secondary to promotion of R&D, education and training. The Netherlands and Mexico supported the amendment. President Fritz spoke against the amendment, stating that the foremost reason for the founding of ISPRS was international co-operation. Azerbaijan proposed a change of wording to the Swedish amendment. USA supported the original version of Statute proposed by the Council. Sweden thanked The Netherlands for its support and spoke further to the amendment.

The President asked for a vote by hands whether a ballot vote should be taken or consideration deferred. The hand vote indicated that a ballot vote be taken.

3. Certification of Credentials

Secretary General Trinder called the roll. There were 49 Ordinary Members present and eligible to vote, representing 182 votes.

16.2 Report of Secretary General

While votes were being counted, the Secretary General delivered his report.

20. Amendment to Statute I (cont.)

The results of the vote were:

Council version:	92
Swedish version:	65
Invalid:	8
Abstentions:	17

The proposed amendment by Sweden was defeated and the original version of Statute I proposed by Council was approved. Due to the closeness of the vote, the President urged the incoming Council to review this Statute again.

22. Election of President**23. Election of Secretary General****24. Election of Treasurer****25. Election of Second Vice President**

These elections were not needed as only one nomination was received for each Council position and the nominees had been declared elected on Tuesday 18th July. The incoming President, Professor John Trinder, delivered his acceptance speech.

26. Appointment of the First Vice President

The President said that he would be honoured to accept the position of 1st Vice President in the new Council.

27. Election of Technical Commissions 2000-2004

The following Ordinary Members were elected unopposed by acclamation to host Technical Commissions.

Commission III:

Austria, Professor Franz Leberl as President

Commission V:

Greece, Professor Petros Patias as President

Commission VI:

Brazil, Dr. Tania Maria Sausen as President

Elections were called for Members to host Commission I, II, IV, and VII. While counting was taking place reports were presented as described below.

Result of ballot for Technical Commission I

USA: 122

Germany: 60

USA was elected to host Commission I, with Professor Stanley Morain as President.

Result of ballot for Technical Commission II

China: 93

Switzerland: 89

China was elected to host Commission II, with Professor Jun Chen as President.

Result of ballot for Technical Commission IV

Canada: 99

The Netherlands: 84

Canada was elected to host Commission IV, with Dr. Costas Armenakis as President

Result of ballot for Technical Commission VII

India: 113

Japan: 67

Abstentions: 2

India was elected to host Technical Commission VII, with Dr. Rangnath Navalgund as President

28. Nominations for Chair and Members of the Financial Commission

Chair: Professor H. Rüther (South Africa)

Members: Ms. Iffat Huque (Bangladesh)

Mr. M. Barbosa (Brazil)

As there were no further nominees, they were declared elected by acclamation.

29. Discussion on Members in Default of Contributions

The Delegate from UK proposed that "Council is to exhaust all means to communicate with the defaulting Member to determine the Member's situation, its viability and its level of ability to meet its ISPRS responsibilities. If the Member proves to be unviable, then Council is to recommend to the General Assembly that the Membership should be cancelled as per Bylaw IV.1.g." The Delegate from Switzerland proposed that "Council is to allow some lenience to those Members in default which request with reasonable cause a delay in payment with promise of payment in full. If no such request is received from the Ordinary Member within six months

of advice from the Council, then the Member will be expelled."

30. Report on Inter-Organisational Relations

While votes for Commission I were counted, the Secretary General delivered the report on Inter-Organisational Relations.

31. Reports on Communications

31.1 Journal

The Editor Dr. M. Baltasvias presented his report while votes for Commission II were counted.

31.2 ISPRS Highlights

The Editor Dr. Lucas Janssen presented his report while votes for Commission IV were counted.

31.3 Home Page

Secretary General Trinder presented the report for Webmaster André Streilein while votes for Commission VII were counted.

32. Recognition of Editors and Committee Chairs

Secretary General Trinder presented Certificates of Appreciation to:

- Editor of the ISPRS International Journal of Photogrammetry and Remote Sensing: Dr. Emmanuel Baltasvias
- Editor of ISPRS Highlights: Dr. Lucas Janssen
- Webmaster: Dr. André Streilein (in absentia).

The President presented Certificates of Appreciation to the Financial Commission Chair, Professor Armin Grün, and Financial Commission Members, Anders Boberg and Dr. Ivan Katzarsky and to the Chair of the Education and Training Task Force, Dr. Tania Maria Sausen. He stated that similar Certificates would be delivered to the Chair of the Communications Task Force, Mr. K. Atkinson and to the Chair of the International Policy Advisory Committee, Professor R. Harris.

The session adjourned at approximately 6 pm.

Fourth General Assembly, Saturday, 15.00-17.00 22nd July 2000

1. Presidents Welcome

President Fritz welcomed distinguished guests and introduced Professor Tuan-Chi Chen, who prepared the dynamic version of the logo for display at this GA.

33. Election of Chair and Members of the Financial Commission

The election was declared on Thursday 20th July. The incoming Chair and Members of the Financial Commission were formally presented to the General Assembly.

34. Congress Director's Report

The Congress Director, Professor Klaas Jan Beek, presented his report and evaluation of the Congress.

35. Approval of Resolutions for 2000-2004

The Resolutions for 2000-2004 were presented by 1st Vice President Murai and were approved by the General Assembly, after discussion and modification to some of the proposals. First VP Murai expressed appreciation to Professor Bruce Forster, Ms. Isabelle Viellet and Profes-

sor Hans-Peter Bähr for their excellent service here as members of the Resolutions Committee.

36. Report of Financial Commission

The Chairman of the Financial Commission, Professor Grün, presented the report of the Commission.

37. Unit of Subscription

Council recommended that the unit of subscription for the period 2000-2004 should remain at its current value of SwF 100. The recommendation was approved by the General Assembly.

3. Certification of Delegate Credentials

Secretary General Trinder called the roll. There were 34 Ordinary Members present with 153 eligible votes.

38. Decision on Members in Default of Contribution

The UK and Switzerland each put forward a motion formalising their proposals noted above under item #29. The UK Delegate, speaking to the motion, commented that all options suggested by Council emphasised communication between the Member and the Council before any final steps were to be taken. He stated that the Council should review each case on its merits and that the Swiss motion would lead to a reduction in size of the Society.

The result of the vote on the motion was:

UK motion	65
Switzerland motion	87
Invalid	1

Approval of the motion by Switzerland is a directive for action by the incoming Council.

39. Other Business

- 1) The new logo for the Society was presented to, and ratified by, the General Assembly. The prize of US\$500 was presented to the Delegate for Canada to be

passed on to the designer, Mr. Mike Kierstead from the College of Geographic Science, Canada. The dynamic version of the logo, prepared by Professor Tuan-Chi Chen, was displayed to the GA.

- 2) The Delegate for The Netherlands commented that there was considerable overlap of Resolutions and suggested that the Council should resolve these with the Technical Commission Presidents. President Fritz said this overlap would be minimised as a result of Bylaw changes and that in the future Resolutions should be submitted earlier than at the Congress.
- 3) The Delegate for Poland, commenting on the Congress Director's report, said that the Congress clashed with several Remote Sensing Conferences. President Fritz said that the new Council should co-operate with other Societies to avoid such clashes. Congress Director Beek commented that the Organising Committee was aware of this clash but that it was unavoidable.
- 4) The Delegate for Brazil suggested an invitation should be sent to ICA to attend the next Congress.
- 5) President Fritz commended Congress Director Beek, The Netherlands Society President Molenaar and the Organising Committee for the success of the Congress and expressed appreciation to the General Assembly support staff for their outstanding efforts.

40. Close of General Assembly

In closing the General Assembly, President Fritz said that it had been a privilege for him to chair the General Assembly and thanked the Members for supporting the democratic process and for completing their work within the time allotted.

The General Assembly adjourned at 4.45 pm.

Professor J. C. Trinder
Secretary General
July 2000

President's Report to the General Assembly (GA 16.1) for the 1996-2000 Term between the XVIII Vienna and XIX Amsterdam Congresses by Lawrence W. Fritz, President ISPRS

Distinguished Delegates, Representatives, Advisors and Guests,

I am truly honored to serve as ISPRS President and am grateful to the General Assembly for providing me this opportunity. Having served previously on Council as Congress Director and as Secretary General I recognized that the position of President is more than a position of honor. It comes with responsibilities to represent the Society before national and international organizations, to communicate and interact with its Members, and to manage the Society together with the Council and Commission Presi-

dents. To serve ISPRS honorably requires major dedication to perform the duties of the position and an ability to appreciate the needs and diversity of the Society's Membership and its officials. According to the Statutes and Bylaws, the President is responsible for:

- Convening and presiding over the Congress plenary, the General Assembly and meetings of Council
- Coordinating the activities of the Commissions, Working Groups and Committees
- Representing the Society with national and international institutions and organizations whose activities are of interest to the Society

- Co-operating with other international organizations
- Communicating with the Members of the Society.

To be successful in these endeavors requires that a special bond be created with and by a supporting and trusting set of Council partners. We have followed the ISPRS tradition of democracy and openness with one another. As President, my personal goals for this term were to:

- improve communication and awareness of our Society's activities beyond our common disciplines;
- create a framework for the Society to administer its operations and activities in a more professional manner, at all levels;
- build some formality into relationships with other organizations and to set a process for sustaining the relationships for future Councils;
- respect all cultural, scientific and social differences in representing and administering the affairs of the Society;
- provide a leadership example by working hard.

I was blessed with very effective Council partners who come from all the six major continents of the world. It is my pleasure to inform this General Assembly (GA) of the many successes our team has achieved, the few disappointments we encountered, and some of the outreach we have made on behalf of the Society.

Council Activities

The Council convened formal meetings 15 times during this inter-Congress term. Transition meetings were held by Council and by Council with the Commission Presidents soon after the elections were decided at the Vienna Congress to review goals, responsibilities, guidelines and proposed future meetings.

At each Council Meeting (CM), Council reviewed the Commission activities, Society Membership, finances, publications, Congress plans, inter-organizational relations and assigned action items. At the Joint Meetings (JM), Council and the Technical Commission Presidents (TCPs) reviewed Commission activities, including the status of each Working Group (WG), publications, Workshops, meetings, and discussed policies and guidelines.

We express our gratitude for the generosity of the hosting Ordinary and Sustaining Members who provided support to convene these meetings. A brief summary of the content of, and purpose for, all official meetings of Council, CM and JM, since the Vienna Congress is as follows:

1996

1-3 October, JM - Oigami, Japan (host Japan Society-JSPRS)

Review 1996 Congress GA Resolutions; discuss and reconcile proposed WGs, Chair and Co-Chairpersons and proposed WG terms of reference; established communication addresses; decided Symposia dates and venues; assigned inter-organizational responsibilities

3-5 October, CM - Oigami, Japan (host Japan Society-JSPRS)

Establish ISPRS Highlights process; confirm Working Groups (WGs), Terms of Reference (ToR) and Chairpersons, review Commission plans; establish Task Forces; review lessons learned from Congress; assign inter-organizational responsibilities; discuss priorities and means to improve all

1997

7-8 April, CM - Seattle, USA (host American Society-ASPRS)

Discuss perspectives and key issues for ISPRS; review reports of Communications Task Force (ComTF) and Educational Opportunities (EduTF) including pilot program plan; review draft 'Orange Book'

8-9 September, JM - Rio de Janeiro, Brazil (host Brazilian Society and INPE)

Review Symposia plans; TCPs responsibilities to ISPRS Journal; UNISPACE III plans; data policy

7, 11-13 September, CM - Rio de Janeiro/Natal, Brazil (host INPE)

Initiate Strategic Plan activity; review Highlights contract; discuss ISPRS Headquarters options; review proposals for Helava and Fagundes Awards; establish US\$ account

1998

28 February-1 March, CM - Bangalore, India (host Indian Society-ISRS)

Confirm Journal Editorial Board; begin open bidding for Highlights; initiate ISPRS display; review proposal for Cassinis Award; modify guidelines

1-3 May, CM - Bethesda, USA (host Lockheed Martin) Strategic Planning Meeting - see separate document

5-6 September, CM - Stuttgart, Germany (host German Society-DGPF)

Review Strategic Plans; coordinate Council coverage of key events; review Statutes and Bylaws (ST&BL); discuss modifications to Home Page; assign special Congress sessions to Council

11-12 September, JM - Bad Wildbad, Germany (host German Society-DGPF)

Review status of fulfilling GA Resolutions; propose technical sessions, topics and tutorials for Congress; review new publisher and process for Highlights; review Strategic Plans

1999

19-21 April, CM - Bangkok, Thailand (host Japan Society- JSPRS)

Review Strategic Planning; review ST&BL; plan for UNISPACE III; discuss Memoranda of Understanding (MoU) with related organizations; review Awards

11-12 September, JM - Enschede/Amsterdam, The Netherlands (host Netherlands Society & ITC)

Review IPAC, ISAC, Industry Forum plans; discuss coordination with relevant scientific groups; request Bylaw XIII updates; inspect Congress facilities and review session procedures

14-15 September, CM - Delft, The Netherlands (host Netherlands Society & ITC)

Review Strategic Plan; refine special Congress sessions; review nominations for Awards and for 2000-2004 officers; discuss terms for Journal contract negotiations; consider Financial Commission Guidelines; finalize revisions to ST&BL

2000

5-6 & 11 April, CM - Budapest, Hungary (host Hungarian Society)

Finalize Strategic Plan; discuss new revenue sources, including Congress/Symposia levy; review daily program, Plenary and Special Session responsibilities; discuss delinquent Members; address Award selections

8-9 April, JM - Budapest, Hungary (host Hungarian Society)

Refine draft Resolutions; revise Bylaw XIII, Commission ToR; outline TCP responsibilities at Congress; review updated Orange Book; vote for new logo

12-13 July, CM - Friesland, The Netherlands (host Netherlands Society)

Confirm Congress schedule, GA agenda and responsibilities; review reports and meetings

Achievements

This Council has been extremely busy during all four years. Its primary achievement has been the preparation and refinement of the Strategic Plan, which in turn generated many activities. I am proud of the many achievements produced by this Council and its supporting TCPs, Editors, Committees and WGs. It is with special appreciation that I convey my sincere thanks to my Council colleagues for the many meetings, negotiations and hard work they endured to accomplish all of the following. The listing, as presented in four general categories, does not do proper justice to the level of effort behind each item.

Co-operation with International Organizations

- Signed a Memorandum of Understanding (MoU) with the UN Deputy Director UNOV and Director for UN Office for Outer Space Affairs to collaborate in activities of mutual interest with aim to co-sponsor an event annually
- Admitted as an Associate Member of the Committee for Earth Observation Satellites (CEOS) at the 11th CEOS Plenary in Toulouse, November 1997.
- Signed a MoU with the International Center for Remote Sensing of the Environment to establish its biannual Symposium and committee as a permanent committee (ICORSE) of ISPRS
- Gathered positive recommendations from other scientific Unions which will enable ISPRS to become a full Member of the International Council of Science (ICSU) at its next General Assembly
- Worked closely with the Presidents of ICA and IAG in bilateral collaboration in joint activities of mutual interest
- Signed a MoU with the IGU/Spatial Data Handling Group to coordinate its biannual Symposium with the ISPRS Commission IV Symposium and Congress
- Initiated an International Industry Forum in collaboration with CEOS
- Presented Statements annually to the Committee for Peaceful Uses of Outer Space

Communications with Members

- Totally revised, negotiated and signed a new four year contract for the ISPRS Journal with Elsevier which returns title rights to ISPRS, doubles the number of pages per issue, and reduces by 65% the cost of subscriptions for individuals of Members (to US\$40) and by

85% the cost for institutions in developing countries (to US\$50)

- Prepared, negotiated and implemented a fee contract for ISPRS Highlights with content produced by ISPRS officers for the following issues
 - 1996 Vol. 1, No. 1
 - 1997 Vol. 2, No. 1 - 4
 - 1998 Vol. 3, No. 1 & 2
 with Editor-in-Chief Mauricio Araya F., to whom we all express appreciation for his initiative, design and collegial style.
- Prepared, negotiated and implemented a self-supporting contract for ISPRS Highlights with content produced by ISPRS officers for the following issues
 - 1998 Vol. 3, No. 3 & 4
 - 1999 Vol. 4, No. 1-4
 - 2000 Vol. 5, No. 1 & 2
 with Johan Boesjes, GITC Publisher and Editor-in-Chief Lucas Janssen
- Approved publication of Proceedings from the seven Symposia and nine other ISPRS Events as separate Parts of Archives Volume XXXII.
- Established a comprehensive ISPRS Home Page www.isprs.org which is under constant maintenance by Webmaster, André Streilein
- Published Blue Book annually, Silver Book, Orange Book twice, ISPRS brochure
- Recruited and effected a smooth transition of ISPRS Journal Editor-in-Chief
- Revised contract with RICS for sales of ISPRS Archives Volumes
- Maintained the ISPRS Events Calendar for the Home Page and ISPRS Highlights

Scientific Activities

- Prepared a matrix of areas of common interest of ISPRS with all Regional Members, relevant international Societies, and Intergovernmental organizations and groups
- Increased ISPRS Memberships: Ordinary by six, Associate by four, Regional by one and Sustaining by 15.
- Presented an ISPRS Statement to the UNISPACE III General Assembly
- Established International Science Advisory Committee to enhance relevance of ISPRS scientific endeavors
- Prepared and coordinated the donation by the American Society (ASPRS) and shipment by (Lockheed Martin) of 80 sets of more than 50 "Books for Africa" each to 72 institutions in 37 countries
- Organized two Workshops and one Seminar for the UNISPACE Technical Forum and compiled and published the proceedings as Archives Vol. XXXII, Part 7C2
- Submitted seven scientific support proposals to UATI for subvention by UNESCO. Created a special WG to address Rational Functions, led by Ian Dowman
- Prepared and presented numerous papers, editorials, reports and statements

Administration and Operations

- Thoroughly revised Statutes and Bylaws
- Established International Policy Advisory Committee (IPAC) to support ISPRS activities and relationships with policy advice
- Modified almost all 18 Guidelines for improving efficiency of Society operations

- Prepared Terms of Reference for President's Honorary Citation Awards
- Set new Guidelines for ISPRS Awards and approved establishment of the Cassinis Award and Helava Award
- Instituted an ISPRS pop-up display for use to promote ISPRS at special events

Involvement in these activities was rewarding but not without pain. During this term, my personal activity suffered from the loss of both of my parents, a hard disk crash and numerous computer problems. On the positive side, my eldest son David got married to Martha and presented me with my first grandson, my number two son Daniel became a USAF Test Pilot and my youngest son Eric and his wife Casey presented me with my first granddaughter.

Representation of the Society

As ISPRS President, I had the pleasure to meet with officers of 53 Ordinary Member Societies. My apologies to those with which I did not have the opportunity to meet. These meetings and other events in which I was honored to represent the Society were:

1996

September

- ICSU General Assembly, Washington, DC, USA
- *Japan Society Seminar at University of Tokyo, Japan

October

- Open GIS Consortium (OGC) Symposium, Washington, DC, USA
- * Meetings with China-Taipei Society

November

- * Meeting with Surveyor General & Officers of Sri Lanka, Colombo, Sri Lanka
- 17th Asian Association of Remote Sensing Conference, Colombo, Sri Lanka
- * Meeting with General Manager & Officers of Ethiopia, Addis Ababa, Ethiopia
- * AARSE and 9th UN Regional Cartographic Conference for Africa, Addis Ababa

1997

January

- Seminar at Bechtel Nevada Remote Sensing Laboratory, Las Vegas, USA

February

- Meetings with EARSeL and CEOS, Paris, France
- 34th UN COPUOS Science & Technology Session, Vienna, Austria

March

- * Meeting with Madagascar Association Officers, Antananarivo, Madagascar
- Environment Information Systems in Sub-Saharan Africa Conference, Antananarivo

April

- * Meetings with Chilean Society and Highlights Editor, Santiago, Chile
- * ASPRS Annual Convention, Seattle, USA
- Meetings with Netherlands Society and Congress Organizers, Wageningen

- IHO Congress and IUSM Executive Committee Meetings, Monaco
- Industry Interoperability Advisory Group Meeting, Reston, USA

June

- 6th UN Regional Cartographic Conference for the Americas, New York, USA
- * * EARSeL 21st GA & 17th Symposium and Danish Society, Lyngby, Denmark
- 18th International Cartographic Conference, Stockholm, Sweden

August

- * South African Society and iKusasa/CONSAS'97, Durban, South Africa

September

- * XVIII Congress of SBC & IAG General Assembly, Rio de Janeiro, Brazil
- 46th Photogrammetric Week, Stuttgart, Germany
- ISPRS Sensors & Mapping from Space Joint Workshop, Hannover, Germany

October

- UATI Subventions Meeting, Paris, France
- GIS/LIS'97 and ASPRS Board Meetings, Cincinnati, USA

November

- 12th CEOS Plenary, Toulouse, France
- * OEEPE Post Seminar Meeting, Zermatt, Switzerland

December

- ASPRS Land Satellite Conference, Washington, DC, USA
- NSF/IAI Global Change Research Meeting, Arlington, USA

1998

January

- Meeting with DOC-Space Commercialization Office, Washington, DC, USA
- ASPRS Potomac Region Meeting, Washington, DC, USA
- Meeting with Center for Remote Sensing of Environment, Greenbelt, USA

February

- * Indian Society and ISPRS Commission I Symposium, Bangalore, India

March

- SpaceTech Program and DLR Meetings, Oberpfaffenhofen, Germany
- NASA 36th Goddard Memorial Symposium, Greenbelt, USA
- UN Special WG on Regional Cartographic Conferences, Aguascalientes, Mexico

April

- UN/ISPRS Conference on Spin-off Benefits of Space Technology, Tampa, USA
- ASPRS-RTI Annual Conference, Tampa, USA

May

- ISPRS Strategic Planning Meeting, Bethesda, USA
- US C&GS Anniversary Event, Silver Spring, USA

June

- Meetings with ICSU and UATI, Paris, France
- Meeting with GITC on ISPRS Highlights, Amsterdam, The Netherlands
- 41st Session of UN COPUOS, Vienna, Austria
- UN FAO Coordination Meeting, Rome, Italy
- Meeting with Northern Ireland Ordnance Survey, Belfast, Ireland

July**ISPRS**

- Commission III Symposium and Duane Brown Conference, Columbus, USA
- * UK Committee and ISPRS Commission II Symposium, Cambridge, UK
- * Australian Association and 9th Australasian RS Conference, Sydney, Australia

August

- UNISPACE III Coordination Meeting with NASA, Washington, DC, USA

September

- * Hungarian Society and ISPRS Commission VII Symposium, Budapest
- * German Society and Commission IV Symposium, Stuttgart, Germany
- * Honorary Member Konecny Festschrift, Hannover, Germany
- National Academy of Sciences Meeting, Fort Collins & Denver, USA
- UNISPACE III Coordination Meeting with NASA, Washington, DC, USA

October

- Meetings with UN DESA and with UN Statistics Division, New York, USA
- Interoperability Advisory Group Seminar, Bethesda, USA

November

- 12th CEOS Plenary Meeting, Bangalore, India
- Meeting with Spanish Society Delegation, Washington, DC

December

- National Academy of Science (NAS) Meeting, Menlo Park, USA

1999**January**

- UNISPACE III Coordination Meeting with NASA, Washington, DC, USA
- TU Delft-SpaceTech Program, Noordwijkerhout, The Netherlands
- * Meetings with Polish Society Officers, Warsaw, Poland
- * Meetings with Romanian Society Officers, Bucharest, Romania
- UNISPACE III Eastern Europe Preparatory Conference, Bucharest, Romania

February

- Meetings with NAS and EROS Data Center, Sioux Falls, USA

March

- UATI General Assembly, Paris, France
- ISPRS/CEOS Industry Forum Coordination Meeting, Darmstadt, Germany

April

- * Indonesian Association and Commission VI Symposium, Bandung, Indonesia
- * Royal Thai Survey and Mobile Mapping Workshop, Bangkok, Thailand

May

- UNISPACE III Coordination Meeting with NASA, Washington, DC, USA
- Meetings with Brazilian Society, Rio de Janeiro, Brazil
- National Academy of Science Meeting, Irvine, USA
- ASPRS Annual Convention, Portland, USA

June

- UNISPACE III Coordination Meeting with NASA, Washington, DC, USA

July

- Meetings with Congress Organizers, Amsterdam, The Netherlands
- 42nd Session of COPUOS, Vienna, Austria
- UNISPACE III, Vienna, Austria
- National Academy of Science Meeting, Berkeley, USA

August

- ICA Conference and IUSM Executive Board Meeting, Ottawa, Canada
- * Canadian Institute of Geomatics Annual Meeting, Ottawa, Canada

September

- * Meeting of Netherlands Society, Wageningen, The Netherlands
- * Meeting with Israeli Society, Tel Aviv, Israel
- 26th ICSU General Assembly, Cairo, Egypt
- * Meeting with Egyptian Committee, Giza, Egypt

October

- Meeting with ISPRS Highlights Publisher, Dulles, USA

November

- * Meeting with Swedish Society (SSFT), Stockholm, Sweden
- 13th CEOS Plenary Meeting, Stockholm, Sweden
- Meeting with new ICA Officers, Gävle, Sweden

December

- German Gesellschaft für Luft- und Raumfahrt Conference, Bonn, Germany
- * Honorary Member Ackermann Festschrift, Stuttgart, Germany
- Spatial Technologies Industry Association Seminar, Washington, DC, USA

2000**January**

- ISPRS/ICA Meetings with UN SD and UN Cartographer, New York, USA

February

- IAG 2000 Strategic Planning Meetings, Pasadena, USA

March

- Coordination Meeting with ICRSE and NASA, Greenbelt, USA

April

- * Meetings with Spanish Society Officers, Barcelona, Spain
- ISPRS Seminar, Budapest, Hungary
- * Meetings with Turkish Society Officers, Istanbul, Turkey

May

- ASPRS 2000 Convention, Washington, DC, USA

June

- * Meetings with Italian Society Officer and IAG President, Milan, Italy
- 43rd Session of COPUOS, Vienna, Austria
- * Meeting with Austrian Society Officers, Vienna, Austria

The * indicates my formal presentation of the ISPRS Plaque of Membership in Good Standing to the Ordinary, Regional and Honorary Members of the Society.

Other Activities of the President

In addition to the above activities, this President had the honor to serve on, or Chair, the jury for many Awards, specifically the Brock, Von Gruber, Gamble, Schwidefsky, Schermerhorn, Cassinis and Doležal Awards. I am pleased that we have selected excellent candidates to receive these Awards. I am equally pleased that the Commission Presidents

selected outstanding members from each of their Commissions to receive The President's Honorary Citations.

The position of President is rewarding, yet challenging. It is a pleasure to interact with our Members, to embark on enhancements to operations of the Society with my Council colleagues, and to see the fruits of our labor. At times, it has been difficult and time-consuming to prod activities being conducted voluntarily. I have been fortunate to have a co-operative, hard-working team. Especially I commend Secretary General John Trinder for his hard work in continually communicating with all officers and Members and for his support in keeping all Society officers towing on the rope (and in the same direction). He and I literally have sent thousands of e-mail correspondence and have received even more! The volume is tremendous. With a heavy travel schedule and a full-time job, it is difficult to be always promptly responsive. It is clear that the Internet brings much efficiency and it will serve a major role in the conduct of Society affairs.

This is a very brief summary of my activities in serving the Society during the past four years. We have achieved a lot and hopefully have made a clearer and easier path for our successors to follow. It would not have been possible if it had not been for the very generous support of my employer, Lockheed Martin Corporation. When I was elected, it became the first time that an employee of the private sector would lead ISPRS. I hope that others will follow this path. The Presidency has taken many quality hours from my wife and family, which will be impossible to replace. I truly thank my wife for her understanding and encouragement in my serving ISPRS. I thank this General Assembly for providing me this opportunity and your support.

Report of ISPRS Secretary General 1996-2000

Amsterdam, The Netherlands, July 2000

by John C. Trinder

Introduction

It is my duty and pleasure to present the report of the Secretary General to the ISPRS General Assembly, covering the period 1996-2000. The primary role of the Secretary General is the management of the Headquarters of the Society, communication with Technical Commission Presidents on the management of the Commissions, especially planning for the inter-Congress Symposia, and approval of Commission-sponsored workshops, maintenance of membership details, maintenance of communications with Members and other relevant international organisations on all aspects related to ISPRS activities, and provision of the documentation for the General Assembly at the Congress. There is a vast amount of detail to report on events over the last four years, so this report necessarily has to be a summary of these details.

Correspondence

The level of communication by the Secretary General has

been substantial. Fortunately, modern means of electronic communication have enabled the transmission and receipt of the many hundreds of messages per year to be carried out efficiently and rapidly. Nevertheless, the work of the Secretary General has amounted to an average of 20-25 hours per week. The activities of ISPRS have increased over the last 4 years, with additional communications with such organisations as the UN Office of Outer Space Affairs (UN-OOSA), ICSU (International Council of Science), the new membership of CEOS (Committee of Earth Observation Satellites) and management of the Society's quarterly bulletin, ISPRS Highlights. During the period 1996-2000, about 3,300 official messages and letters were sent on behalf of ISPRS from the Headquarters, many with multiple addresses. A similar or larger number of messages were received. Even though the Headquarters has been run mainly in electronic form, the paper collected on behalf of ISPRS activities is still substantial, amounting to almost two complete 4-drawer filing cabinets.

It is with some regret that I have to report that Members have not always been as responsive as I would have expected. On many occasions my letters to the Membership have gone unanswered and on urgent matters I have had to remind Members of the correspondence or resend the letters. Such repeated correspondence is time-consuming and expensive, and I hope that in future Members will be more responsive to the requests of the Secretary General.

Technical Commissions

The Technical Commissions have been very active over the last four years, and the Technical Commission Presidents deserve a vote of thanks for their contributions to the science and technological activities in ISPRS over the period 1996-2000. The achievements of the Commissions will be covered at the Technical Sessions of this Congress, while full summary reports will appear in the International Archives for Photogrammetry and Remote Sensing Volume XXXIII Part A, as well as in ISPRS Highlights. This report has only included some administrative issues related to Commissions. Table 1 gives the attendance and number of technical presentations at the seven mid-term Symposia. In addition to these Symposia, Working Groups of the Commission held 32 ISPRS-sponsored Workshops during the four years. These Workshops were officially approved by the Secretary General for ISPRS sponsorship and were included in the ISPRS events calendar under the ISPRS logo. They varied from small closed meetings to larger conferences with about 100 attendees.

Member Status

A listing of ISPRS Membership has been sent to Members annually in the ISPRS Member Lists (Blue Book) by the Secretary General. Developments in membership are summarised below.

Ordinary Members

In 1996 at the Vienna Congress, the number of Ordinary Members totalled 97. Since then, six new Ordinary Members have been admitted by postal ballot of Ordinary Members as follows: Eritrea and Botswana (June 1997), El Salvador (October 1998), Bangladesh, Benin and Cameroon (June 1999). This brings the total Ordinary Membership to 103 and a total of 263 votes at the General Assembly. However, a number of Ordinary Members have not paid their annual subscriptions for many years, nor responded to communications from the Council. The issue as to whether these non-paying ISPRS Members should be maintained has been presented to this General Assembly by the Council.

Table 1

Commission	I
Date	25-27 February 1998
Location	Bangalore, India
No of Technical Papers	46
No of Attendees	173
Commission	II
Date	13 -17 July 1998
Location	Cambridge, UK
No of Technical Papers	62
No of Attendees	200

Commission	III
Date	6-10 July 1998
Location	Columbus, OH, USA
No of Technical Papers	81
No of Attendees	160

Commission	IV
Date	7-10 September 1998
Location	Stuttgart, Germany
No of Technical Papers	108
No of Attendees	250

Commission	V
Date	2-5 June 1998
Location	Hakodate, Japan
No of Technical Papers	163
No of Attendees	431

Commission	VI
Date	15-17 April 1999
Location	Bandung, Indonesia
No of Technical Papers	32
No of Attendees	92

Commission	VII
Date	1-4 September 1998
Location	Budapest, Hungary
No of Technical Papers	157
No of Attendees	196

Total	
No of Technical Papers	649
No of Attendees	1502

The following Members have changed their names

- Belarus to State Committee for Land Resources, Geodesy and Cartography of the Republic of Belarus
- Mexico to National Institute of Statistics, Geography and Informatics (INEGI)
- New Zealand to National Institute of Water and Atmosphere Research Ltd. (NIWA)
- Slovenia to Section of Photogrammetry and Remote Sensing of The Association of Slovenia Surveyors
- Democratic Republic of Congo - The country Zaire has changed its name to Democratic Republic of Congo

One member, China-Taipei, increased its Category from 3 to 4, since the Vienna Congress in 1996. ISPRS appreciates this action by our colleagues from China-Taipei.

Associate Membership

At the 1996 Vienna Congress, the category of Associate Membership was introduced, with five Associate Members being admitted. Since then, four new Associate Members were admitted by postal ballot of Ordinary Members as follows: Pakistan Space and Upper Atmosphere Research Committee (SUPARCO) (May 1997), Agustin Codazzi Geographic Institute in Colombia (January 1998), Indian National Cartographic Association (INCA) (June 1999) and Department of Natural Resources (Queensland) in Australia (June 1999). The number of Associate Members is now 9.

Regional Members

One new Regional Member was admitted by postal ballot of Ordinary Members in June 1999: CILSS/Centre Regional AGRHYMET in Niger. The number of Regional Members is now 8.

Table 2 New Sustaining Members

Members Name	Country	Date of joining
- Applanix Corporation	Canada	October 1998
- Core Software Technology	USA	July 1997
- DIIAR - Sezione Rilevamento, Politecnico di Milano	Italy	October 1998
- ERIM International Conferences	USA	June 1997
- ESRI	USA	August 1998
- ETH Zurich, Chair of Photogrammetry & Remote Sensing	Switzerland	October 1998
- Getty Conservation Institute	USA	July 1997
- Institute for Photogrammetry University of Stuttgart	Germany	October 1998
- International Center for Remote Sensing of Environment (ICRSE)	USA	January 1999
- ITC	The Netherlands	April 2000
- LH Systems LLC	USA	December 1997
- Open GIS	USA	September 1996
- RACURS	Russia	June 1998
- Remote Sensing Centre of General Department of Land Administration (GDLA) of Vietnam	Vietnam	June 1999
• Sensor Systems, Inc.	USA	January 2000
• Stora Enso Forest Consulting Oy Ltd	Finland	August 1999
• StorageTek	USA	May 1998
• Survey & Development Services Ltd	UK	February 1997
• Department of Geomatic Engineering, UCL	UK	October 1998
• School of Geomatic Engineering, UNSW	Australia	October 1998

The following Sustaining Members have new names:

Aerofilms Limited	(UK)
Leica GeoSystems AG	(Switzerland)
TopEye AB	(Sweden)
Z/I Imaging Corporation	(USA and Germany)

Sustaining Members

Five Sustaining Members were deleted, while 20 new Sustaining Members have joined ISPRS since the Vienna Congress, bringing the total Sustaining Membership to 49, as shown in Table 2. Six of these are academic institutions.

Publications

Publications prepared on behalf of ISPRS are listed in Table 3.

Table 3

Publication/Document	Date Published
- ISPRS Organizations and Programs 1996-2000 (Silver Book)	January 1996
- ISPRS Brochure	January 1996
- ISPRS Members List 1997 (Blue Book)	January 1997
- ISPRS Members List 1998 (Blue Book)	March 1998
- ISPRS Members List 1999 (Blue Book)	March 1999
- ISPRS Members List 2000 (Blue Book)	March 2000
- ISPRS Highlights Vol. 1 -	October 1996
- ISPRS Highlights Vol. 2 -	January, April, July, October 1997
- ISPRS Highlights Vol. 3 -	January, April, September, December 1998
- ISPRS Highlights Vol. 4 -	March, June, September, December 1999
- ISPRS Highlights Vol. 5 -	March, June 2000
- ISPRS Journal Volumes 51 to 55	bi-monthly from 1996-2000
- International Archives of Photogrammetry and Remote Sensing	Periodically
- Manual of Operation of May 1997 and ISPRS Technical Commissions and Working Groups Council Meetings (Orange Book)	December 1999
- ISPRS Guidelines	Periodically
- ISPRS Home Page - ISPRS.org	Continuously updated

ISPRS Highlights, the quarterly bulletin, was a new venture for ISPRS in the period 1996-2000. It commenced in October 1996 with the post-Congress edition, with Professor Mauricio Araya from Chile contracted to edit and publish ISPRS Highlights for the first two years. In 1998, a new 2-year contract to publish ISPRS Highlights was negotiated and signed with GITC bv in The Netherlands. The publication of ISPRS Highlights was initially supported financially by ISPRS, but since mid-1999 its publication has been supported by advertisement revenue. A contract for the next four year period is currently being negotiated. ISPRS Highlights is intended to include information about ISPRS activities, such as reports and announcements of ISPRS-sponsored meetings, Minutes of meetings of Council and Joint Meetings of Council and Technical Commission Presidents,

news from Technical Commissions, keynote addresses at ISPRS and related meetings, news of significant technical developments, book reviews, reports of international organisations with which ISPRS is collaborating and the ISPRS Annual Report. The Annual Report is published in the March issue each year and is a significant contribution to providing members with information about the current developments in the sciences and technologies of interest to ISPRS. A regular feature in ISPRS Highlights is the Calendar of events, which is also displayed on the Home Page, giving a list of conferences and meetings in the areas of interest of ISPRS. Approximately 316 such conferences were included in the Calendar over the four years, of which 32 were approved by Council for sponsorship or co-sponsored by ISPRS. A special vote of thanks goes to the President Lawrence Fritz for maintaining the Calendar of events. In order to improve the distribution of ISPRS Highlights, Members have been asked to provide addresses of individuals who should receive copies of ISPRS Highlights directly from the Publisher. These addresses are currently being received and will be forwarded to the publisher for compilation of the address database. A separate report will be given by the Editor-in-Chief of ISPRS Highlights, Dr Lucas Janssen.

The ISPRS Journal has been published by Elsevier Science on a bi-monthly basis, under the contract that was signed in late 1996 with Editor-in-Chief Mr David Tait. Dr Emmanuel Baltsavias assumed the position of Editor-in-Chief in mid-1997. A new contract with Elsevier Science has recently been signed, that provides ISPRS with an improved quality Journal. An important development with the Journal has been the introduction of the Heleva Award for the best paper over the four year period, the first of which has been awarded at this Congress. A separate report will be given on the Journal by Dr Baltsavias.

Table 4

Additions to International Archives of Photogrammetry and Remote Sensing since 1996

1997	Comm VI Workshop Padua, Italy	XXXII-6W1 RICS Books
"	Comm III/IV Workshop Stuttgart, Germany	XXXII-3-4W2 RICS Books
"	Comm II/III Workshop Haifa, Israel	XXXII-2-3W3 RICS Books
"	CIPA Conference Göteborg Sweden	XXXII-5C1B RICS Books
"	Comm VI Workshop Bahia Blanca, Argentina	XXXII-6W4 RICS Books
1998	Comm I Symposium Bangalore, India	XXXII-1 RICS Books
"	Comm II Symposium Cambridge, UK	XXXII-2 RICS Books
"	Comm III Symposium Columbus, USA	XXXII-3 RICS Books
"	Comm IV Symposium Stuttgart, Germany	XXXII-4 RICS Books
"	Comm V Symposium Hakodate, Japan	XXXII-5 RICS Books
"	Comm VII Symposium Budapest, Hungary	XXXII-4 RICS Books

"	WG VII/2 Tutorial Dehra Dun, India	XXXII-7T1 RICS Books
1999	Comm VI Symposium Bandung, Indonesia	XXXII-6 RICS Books
"	WG III/ 2 & 3 Workshop Munich, Germany	XXXII-3-2W5 RICS Books
"	ICWGIV/III.2, EARSeL et al Valladolid, Spain	XXXII-7-4-3W6 RICS Books
"	WG VII/2 Workshop Dehra Dun, India	XXXII-7/W9 RICS Books
"	WG II/1 et al, Bangkok, Thailand	XXXII-2-5-3/W10 RICS Books
"	WG V/2 & 5 Thessaloniki, Greece	XXXII-5/W11 RICS Books
"	WG IV/4 et al, Beijing, China	XXXII-4/W12 RICS Books
"	UNISPACE III Conference Vienna, Austria	XXXII-7C2 RICS Books
"	WG V/3, V/4, ICWG V/III, SIG Workshop, Onuma, Japan	XXXII-5/W12 RICS Books
"	WGVI/3 Workshop, Cotonou, Benin	XXXII-6W7 RICS Books
1999	WG III/2,5 Workshop, La Jolla, CA, USA	XXXII-3/W14 RICS Books
2000	WGVI/3 Workshop, Ljubljana, Slovenia	XXXII-6W8/1&/2 RICS Books

The International Archives of Photogrammetry and Remote Sensing comprises published papers presented at ISPRS Congresses, Symposia and, more recently, other ISPRS-sponsored events. A new contract was signed in 1996 between ISPRS and RICS Books in the UK for the post-conference sale of Archives volumes. This arrangement has proved to be working well. Included in the guidelines in the Orange Book is the requirement that, in future, the proceeds from the post-conference sales of Archives volumes will be paid to ISPRS. The ITC in The Netherlands is also a repository for the Archives. The number of new Volumes of the Archives over the period 1996-2000 is 24, as listed in Table 4. Recently, Council approved revisions to the Guidelines for publication: Guidelines for Publication and Review of The International Archives of Photogrammetry & Remote Sensing, that aim at raising the quality of volumes in the Archives.

Manual of Operation of ISPRS Technical Commissions and Working Groups Council Meetings (Orange Book) is a new publication which provides Technical Commission Presidents and Working Group Chairs and Co-Chairs with full details of the operation of ISPRS Technical Commissions. It includes expanded details of the Guidelines for Technical Commission Presidents and Working Group Chairs and Co-Chairs, as well as many of the Guidelines affecting the operation of the Technical Commissions, such as organisation of Symposia, publication of the Archives, Web Pages, etc. All ISPRS Guidelines have been reviewed and revised where required. The full list of ISPRS Guidelines is given in Table 5.

Table 5 ISPRS Guidelines

Guidelines for	Hosting a Technical Commission
Guidelines for	Planning ISPRS Symposia
Guidelines for	Conducting a Working Group
Guidelines for	Proposing ISPRS Resolutions

The President's Honorary Citation

Guidelines for	Publication and Review of The International Archives of Photogrammetry & Remote Sensing
Guidelines for	Authors Preparing Manuscripts for ISPRS Sponsored Meetings
Manual for	Presentation of Technical Papers at ISPRS Congresses and Symposia
Guidelines for	Preparation of Reports of ISPRS Sponsored/Supported Conferences and Meetings
Outline for	Preparation of ISPRS Annual Reports
Guidelines for	Preparation and Maintenance of ISPRS Web pages
Guidelines for	Members Planning to Host an ISPRS Congress
Guidelines for	Candidates for Members of the Council
Guidelines for	ISPRS Financial Commission
Guidelines for	ISPRS Council Spending Policy

ISPRS Awards Policy

Guidelines for	Preparation of National Reports for Amsterdam Congress - 2000
Terms of Reference for	Sustaining Members

The ISPRS Home Page was launched at the XVIII ISPRS Congress in Vienna, with access through the World Wide Web. The Home Page was originally installed on a server at ETH Zurich, with Dr André Streilein as the Webmaster. Subsequently, the information has been transferred to the server at TU Delft, The Netherlands. The ISPRS expresses its gratitude to both ETH Zurich and TU Delft for providing access to the server free of charge, and especially Dr Streilein for his excellent maintenance of the Home Page over the past 5 years. Unfortunately, he will be relinquishing his position in August. At little cost to ISPRS, an internationally recognisable address has now been established for the ISPRS Home Page as ISPRS.org. As with most international activities throughout the world, the ISPRS Home Page has become a major source of published details on ISPRS activities. All significant information on ISPRS is provided on the Home Page, which has now grown to the equivalent of 220,000 lines of text. There are currently over 45,000 requests for access per month on the Home Page. The Home Page is clearly an essential source of communication for ISPRS. A separate report will be given on the Home Page by Dr Streilein.

Council Meetings

Nine Council Meetings and five Joint Meetings with Council and Technical Commission Presidents (at the same location as the corresponding Council Meetings) were held in the period 1996-2000. Council is grateful for the support of Ordinary Members in providing Council accommodation and meeting facilities. They were provided twice by Japan in Oigami and Bangkok, by USA in Seattle, Brazil in Rio de Janeiro and Natal, India in Bangalore, Germany in Stuttgart and Bad Wildbad, twice by The Netherlands in Enschede and Delft, and Koudun (for the pre-Congress meeting) and by Hungary in Budapest. Council also expresses its gratitude to Ordinary Member hosts of Technical Commission Symposia for the provision of free accommodation and registration at the Technical Commission Symposia in India, UK, USA, Germany, Japan and Indonesia. Minutes of all Council and Joint meetings were prepared

by the Secretary General, amounting to about 150 pages. All minutes have been placed on the ISPRS Home Page and abbreviated versions have been published in ISPRS Highlights. Council devoted its time at Council Meetings to covering a broad range of issues, including the Technical Commission and Working Group activities and Symposia, ISPRS publications especially ISPRS Highlights, ISPRS Guidelines, ISPRS Statutes and Bylaws, Congress organisation, Membership and financial matters. A total of 339 actions were planned, in addition to the regular actions required by the Statutes and Bylaws, the majority being completed before the Congress. Council has worked hard and very productively over the past four years, as I believe will be revealed by the documents presented to this General Assembly. It has been a pleasure to work with my colleagues on the Council.

Headquarters Management

The Headquarters were established at the School of Geomatic Engineering at the University of New South Wales for the period 1996-2000. All files are electronic, and most documents are distributed electronically. Given the time commitment of the Secretary General over this period, it is clear that permanent secretarial/clerical assistance is required to relieve this load. Council made a decision at the Strategy Meeting in 1998 that it would not install a permanent office for ISPRS Headquarters, as some organisations similar to ISPRS have done recently. The reasons for this decision were that such an office would in most cases isolate the Secretary General from the Headquarters (if the Secretary General resides a significant distance from the Headquarters) and hence cause difficulty in his/her management of the day-to-day affairs of the Society. However, Council supports the provision of funding for secretarial/clerical assistance for the Headquarters at the location of the Secretary General. Given the increased demands on employees in all sectors of the profession, academia, industry and government, it will become even more difficult in future to find people who are available and willing to make such a voluntary commitment to ISPRS, no matter what the benefits are of such a commitment. ISPRS must therefore be prepared to fund the Headquarters to a greater extent than has been required in the past.

International Activities of the Secretary General

The Secretary General has travelled numerous times over the last four years to attend Council Meetings, Technical Commission Symposia and international organisation meetings, and to meet 21 Ordinary and Regional Members on their home soil. He has also attended meetings of the Committee for Peaceful Uses of Outer Space (COPUOS), the Committee for Earth Observation Satellite (CEOS), the International Council of Science (ICSU) and International Human Dimensions Program (IHDP).

Acknowledgments

The tasks of Secretary General would not have been successfully completed without the forbearance of the Dean of Engineering and the staff of the School of Geomatic Engineering at the University of NSW, who tolerated my commitment to the work of ISPRS, which included many absences overseas, while I was also Head of School from 1996-1999. Many overhead expenses were carried by the School of Geomatic Engineering and I wish to acknowl-

edge this contribution from the University of NSW to the work of the Secretary General and to ISPRS over the past 4 years. I also acknowledge financial contributions totalling AUD 35,000 from the Australian Federal Government department AUSLIG and the Australian Remote Sensing and Photogrammetry Association of Australasia (RSPAA) to the work of the ISPRS Headquarters.

Finally, I wish to thank the General Assembly for their electing me in 1996. The position of Secretary General is a most rewarding one in many ways, and I am grateful for this experience. I am sure it will provide me with an excellent foundation for the job that lies ahead over the next 4 years.

Report of ISPRS Treasurer to ISPRS General Assembly

Amsterdam, July 2000

by Professor Heinz R  ther, Treasurer

This report of the treasurer of ISPRS together with the attached Income Statement for the years 1 April 1996 to 31 March 2000 is submitted to the General Assembly for approval. The format of the statements adopted for the annual reports as well as this final report is based on the advice of a professional accountant. The final four-year statements were checked independently by a different registered accountant.

The Society's bank accounts are held in Swiss Francs and US\$ in a branch of the UBS Bank in Z  rich. The accounts were transferred in September 1998 from their original location at the Lugano branch of the same bank for purely logistical reasons. Communication with and support from the UBS in Zurich is excellent. The introduction of a US\$ account made it possible for membership payments and other transactions to be carried out in this currency. The Society's investments were transferred together with the account and this occasion was used to diversify the Society's assets, which are now held in four different investments. This decision proved beneficiary to the Society as the original portfolio in the form of Swiss Bonds, which showed a gain of 12 % in the 1992-6 period, has since experienced a reduction in its value by approximately 6%. Without the diversification this loss in bond value would have affected the Society's assets.

The Society's assets have increased from SFr 446,499 in 1996 to SFr 654,607 or SFr 580,710 if donations, UN related funds and advance payments of subscription dues are excluded. It must be noted that an amount of SFr 81,325 of these assets represents overdue membership payments owed to the Society. It is unlikely that all these arrears will be recovered and thus the actual worth of the Society is slightly lower than the amounts quoted above.

The increase in the assets is principally due to four factors: membership subscriptions, UN Funds, donations and investment gains.

- The Society's income from membership subscriptions has increased by 25% from SFr 91,840 in 1996 to 115,250 in 2000 .
- An amount of US\$ 29,917 or approximately SFr 50,000 was received from the UN for co-sponsorships with

ISPRS. US\$ 8,037 of this was spent on a UN sponsored symposium in Cotonou. The remaining US\$ 21,880 (SFr 36,000) are held in the ISPRS account in Zurich and can only be called upon for UN-related activities.

- A donation of SFr 20,000 for the Young Authors awards was received from the Japanese Society. The Italian Society for Surveying and Photogrammetry (SIFET) donated SFr 2,500 for the 2000 Congress Cassinis Award.

There are additional donations, which cannot be quantified, but which make a significant indirect contribution to the Society's assets and these are the generous accommodation arrangements provided for Council during Council meetings and Commission Symposia.

Income /Expense and Receipts/Payments

Invoices were mailed to members at the beginning of each financial year, typically in April, and reminders to those in arrears were sent in September or October. The income from subscriptions for the report period fell short of the expected amounts due to non-payment. The shortfalls were 12% for Ordinary Members, 10% for Sustaining Members, 70% for Regional Members and 45% for Associate members.

The investments have earned SFr 81,271

Royalties received amounted to SFr 28,244, however, these include some amounts due from the 1992-1996 period. Advertising in the Society's bulletin brought in SFr 31,291 for 1997 and 1998, which was paid to ISPRS and used to offset costs for the publication. In June 1999 Highlights and its advertisement responsibilities were contracted to GITC, the new publishers of the bulletin.

Expenses

The expenses incurred are largely due to the cost of Council activities and the introduction and publication of the Society's newsletter, ISPRS Highlights. Council expenses amounted to SFr 232,684 while Highlights costs were SFr 196,864.

Council related expenses arise from travel, telephone, fax, mailing, supplies and clerical assistance. The cost for Council activities would have been significantly higher had

it not been for the support of the organisations and universities with whom Council members are affiliated. INPE fully funded the travel cost of the Second Vice President, Marcio Barbosa, while partial support was provided for all other Council members by their respective employers. Travel costs of the Congress Director, Klaas Jan Beek, were fully funded through the Conference Organising Committee as required by the ISPRS statutes and bylaws.

As mentioned under the Income section above, a significant reduction of expenses for Council activities resulted from the excellent support received from ISPRS Member Societies and Council Member employers, who provided accommodation for Council during Council meetings in Oigami (Japanese Society) in 1996, Seattle (American Society) and Rio de Janeiro/Natal (INPE) in 1997, Bangalore (Indian Society), Washington (Lockheed Martin) and Stuttgart (German Society) in 1998, Bangkok (Japanese Society) and Enschede/Delft (Netherlands Society) in 1999 and Budapest (Hungarian Society) in 2000. The Council wishes to express its appreciation of the outstanding hospitality and generosity extended at these occasions.

It is impossible to quantify the amount saved through the

indirect financial assistance described above, but this amount is clearly above SFr 100,000.

The Treasurer's activities have increased significantly during the report period. The changes in investment and current accounts make it necessary for the treasurer to administer three UBS accounts, one UN sub account, four individual Council member sub accounts and four investment accounts. These accounts are held in five different currencies. Due to a considerable broadening of ISPRS activities, the responsibilities of all other Council members have increased similarly. It can be estimated that an average of one to three days a week, not counting Council meetings and attendance at symposia and the congress, is spent by some Council members on ISPRS activities. This is becoming problematic and steps are needed to provide assistance to Council.

Conclusions

The Society is financially in an good state of health with increased memberships in all categories, diverse low risk investments and excellent support from its members.

Cape Town 1 July 2000

Report of the Financial Commission 1996-2000

by Armin Grün

1. Membership of Financial Commission

The Members of the Financial Commission (FC), as appointed by the General Assembly (GA) at Vienna 1996 are:

- Armin Grün (Chairman)
- Anders Boberg
- Ivan Katzarsky

2. Role of the Financial Commission

According to ISPRS Statutes the role of the FC 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. Additional Activities

On request of Council the FC contributed to the

- Guidelines for Council Spending Policy
- Guidelines for Financial Commission

The FC was informed about the

- Definition of Task of Financial Advisor to ISPRS Council 2000-2004 and the related draft contract

and approved the Report of the

- ISPRS-funded project "Development of an Image Transfer Standard (ITS)"

4. Meetings of the Financial Commission

Meetings took place in Stuttgart 1997 and in Amsterdam 2000.

With the availability of modern communication devices it

was felt that physical meetings of the FC are becoming more and more redundant, also considering the cost factor involved. E-mail provides an excellent tool for negotiations and exchange of information. When appointing new FC members for the next period of office the GA should make sure that direct e-mail access is available to each member.

5. Approval of Budget and Accounts

The fiscal year of the Society begins on 1st April. Financial management relies on a projected annual budget which is endorsed by the FC. The annual statement of accounts is audited by the FC prior to acceptance by Council.

Starting with the Fiscal Year 1997 the format of the yearly reports of the Treasurer has been modified, also considering the input of a professional accountant. As a result, the Treasurer's Report is now more streamlined and much easier to read.

The Statements of Receipts and Payments and the Balance Sheet for the period from 1st April, 1996 to 31st March, 2000 was audited by the FC prior to its presentation to the GA by the Treasurer.

6. Receipts/Payments and Income/Expenses

According to the Treasurer's Report the nominal Membership fees have risen from SFr 91,840 in 1996 to SFr 119,550 in 1999 (an increase of 30%).

The actual Arrears in Membership fees have developed from SFr 50,971 in 1996 to SFr 81,325 in 1999 (an increase of 60%, not even considering the SFr 4050, written off as bad debts in 1998). This has been a permanent point of

concern to the Financial Commission over the whole period. Council and General Assembly are asked to take serious measures in order to improve that situation.

A major factor in ISPRS expenses have been the expenses for Highlights (an amount of SFr 196,864 against income from advertisement of SFr 30,460). Clearly, the expenses for Highlights have been almost as high as for Council administration (SFr 201,114). The question must be raised whether the Society wants to continue to support Highlights with such a big amount.

7. Status of the Societies Accounts

The Societies assets have increased by SFr 140,199 (gross) / SFr 123,910 (net) during the 96-99 period. This is mainly due to solid investment policy, increase in Membership and donations/sponsoring. The current net investment value of SFr 525,271 equals about 3.6 times the 1999 income. Given the healthy state of finances it does not seem justified to raise Membership fees for the next period.

The Treasurer is to be complemented on adopting an active role in managing the Society funds, in collecting subscriptions and in helping to increase the membership, especially in recruiting new Sustaining Members. It is also appreciated that help from professional accountants has been sought and, as a result, the format of the yearly reports has improved substantially.

8. Considerations for the Future

The continuing increase in membership is a good indication of the interest that the Society meets in the scientific

and professional communities of Photogrammetry and Remote Sensing. With the stronger integration of the Spatial Information Sciences an even greater potential for membership arises. Substantial efforts should be directed towards the attraction of societies, institutions and companies from this field.

With Council facing new and more tasks in the future an increase in costs for Council administration must be foreseen and should be accepted. However, it is most important that related expenses will not only lead to an off-load of duties of Council Members, but also to the generation of new income and to a more professional and efficient Council administration and further advancements in the realisation of the Societies mission and goals.

In pursuing these goals one can envision more activities (also on the financial side) in the promotion of research, education, training and technology transfer. Concrete measures could include

- direct support of scientific activities (small projects of general concern),
- continuation of the Young Author Awards (possibly extending it to Symposia),
- explicit funding of travel awards for PhD candidates and young scientists from developing countries for the attendance of summer schools and tutorials,
- logistic and scientific/technical support of training courses at all levels.

This report of the Financial Commission is submitted to the General Assembly for endorsement.

Report on Inter-organisational Relations

by John C. Trinder, Secretary General

The Society's role in promoting international co-operation in the photogrammetry, remote sensing and spatial information sciences has continued to expand over the period 1996-2000. This report will summarise the major developments in those activities with international organisations with which ISPRS has relations.

There are three categories of organisations with which ISPRS is associated: organisations of the United Nations, other related UN organisations and other Societies in related sciences and technologies. The most significant activities of these organisations will be summarised.

United Nations

UN - Office for Outer Space Affairs (OOSA)

OOSA is responsible for the Committee on the Peaceful Uses of Outer Space (COPUOS). ISPRS is a Permanent Observer Member of COPUOS. Since 1989, ISPRS has attended and presented technical reports and statements at the annual Science and Technology meetings of COPUOS in February and the COPUOS Full annual meetings in June.

On 25 April 1997 a Memorandum of Understanding (MoU) between the OOSA and ISPRS was signed by Dr. Jasen-

tuliyana, Deputy to the Director-General UN and OOSA Director, and President Fritz of ISPRS. In summary, the terms of the MoU commit both parties to:

- Promote and conduct activities of mutual interest to the UN Space Applications Programme (UNSPAP) of OOSA
- Jointly aim to sponsor an event annually
- Jointly co-ordinate schedules, events, topics and/or specialist needs in pre-planning related activities
- Jointly seek financial support and identify specialists and lecturers for UN-led events which require photogrammetric, remote sensing and Geographic Information Systems expertise
- Have ISPRS incorporate formal opportunities within the framework of UNSAP to be included in the quadrennial ISPRS Congress and the relevant Quadrennial ISPRS Commission Symposia and Working Group activities
- Request ISPRS to provide scientific and technological expertise through reviews, evaluations and recommendations on space-related matters of remote sensing

A major event in the activities of OOSA was the UNISPACE III Conference held in Vienna in July 1999. It was the first such event since 1982 and was intended to

develop plans for the member states of OOSA for the next 5 years. As well as Plenary and Committee meetings, many technical workshops were staged by international organisations such as ISPRS, and a major Space Exhibition was also held. ISPRS was provided with exhibition space free of charge and held a display of its remote sensing activities at the Amsterdam Congress. At UNISPACE III, ISPRS presented a policy statement on remote sensing to the General Assembly plenary. It also held three events as follows:

- Workshop on "Resource Mapping from Space"
- Workshop on "Remote Sensing for Detection, Monitoring and Mitigation of Natural Disasters" together with EARSeL
- Seminar on "Environment and Remote Sensing for Sustainable Development" together with NASA

A Special Session 'UNISPACE III Revisited' was organised at the Amsterdam Congress, to review the findings at the UNISPACE III conference.

ISPRS has also jointly held two conferences in conjunction with OOSA, "The 2nd UN International Conference on Spin-off Benefits of Space Technology: Challenges and Opportunities" in Florida, USA, in April 1998 and a meeting "Promoting Space Technology Transfer and Geomatics Education in Africa" in Benin, jointly organised by ISPRS Working Group VI/3, "International Cooperation and Technology Transfer", the Regional ISPRS member, AARSE (African Association for Remote Sensing of the Environment), CENATEL, and the Benin Centre National de Télédétection et de Surveillance du Couvert Forestier.

UN - Statistics Division

The Regional Cartographic Conferences, which have traditionally been held under the auspices of the UN Economic and Social Council (ECOSOC), have now been transferred to the UN Statistics Division. ISPRS participated in a Special Working Group Meeting of Experts and Delegates of the UN Regional Cartographic Conferences held during March 1998 in Aquascalientes, Mexico, in a review of the future of Regional Cartographic Conferences. Given the current lack of adequate mapping in many parts of the world and the recognised future role of GIS, both ISPRS and the International Cartographic Association (ICA) have urged the maintenance of these conferences, since they play an important role in the future provision of essential spatial data for planning and maintenance of the environment.

UN - Economic and Social Council (ECOSOC)

ISPRS is an accredited NGO in consultative status with both the New York and Vienna offices. ISPRS receives many reports and announcements from the Council.

UNESCO

ISPRS has non-governmental organisation (NGO) Category B relationship for Information and Consultative Relations, which means that it is eligible for receiving subventions for worthy projects. In 1997, ISPRS submitted a number of proposals for support of ISPRS activities in areas that were believed to be within the interests of UNESCO. While two of the submitted projects, on map-

ping of the Lalibela heritage site in Africa and on CIPA Outreach Workshops, were cited to be of funding interest to UNESCO, none has been supported at this stage. UNESCO is now, once again, reviewing the Lalibela proposal and ISPRS will continue to monitor this opportunity for UNESCO support. ISPRS receives documentation from UNESCO and requests for participation in UNESCO sponsored projects.

UN - Department of Public Information (DPI)

ISPRS has credentials for two ISPRS Council members and access to the UN photo library services. ISPRS has been co-operating with the UN Cartographer in a new UN Geographic Database Project initiative.

Related International Organisations International Union of Surveys and Mapping and the Sister Societies

ISPRS joined the International Union of Surveys and Mapping (IUSM) at its inauguration in 1989 and participated in its activities until 1997, when it made the decision to withdraw from the organisation because it was not satisfying the needs of the Members of ISPRS.

In August 1999, IUSM was disbanded. However, ISPRS intends to continue to co-operate with the major organisations that were IUSM members, specifically IAG, FIG, IHO and ICA, in annual meetings of a newly formed 'Joint Board of Spatial Information Societies'. Several informal meetings have been held between ISPRS and these individual organisations, while a meeting of the Joint Board, including IGU, was held on Monday 17th July at this Congress, sponsored by ISPRS. The members of the Joint Board have agreed to hold similar meetings at their future international conferences.

International Committee for Documentation and Architectural Photogrammetry (CIPA)

CIPA was established in collaboration with ISPRS and the International Council of Monuments and Sites (ICOMOS). Professor Waldhäusl was elected as President in 1998. A report on CIPA activities has been provided in each ISPRS Annual Report in ISPRS Highlights.

International Center of Remote Sensing of the Environment

Recently ISPRS signed a Memorandum of Understanding to work closely with the International Center of Remote Sensing Of the Environment. The document brings ICORSE into ISPRS as a Permanent Committee. As a result, the biannual International Symposium on Remote Sensing of the Environment becomes an ISPRS event. This agreement thus ensures de-conflicting of future conferences held by ISPRS and ICORSE and brings more remote sensing specialists into closer co-operation with ISPRS in scientific activities.

International Council of Science (ICSU)

ISPRS is an Associate Member of The International Council of Science (ICSU). An application was submitted in 1997 for ISPRS to become a Full Member of ICSU, but the approval of the application has been delayed. It is anticipated that this application will be successful at the next ICSU General Assembly in Brazil in 2002. There is

significant potential for ISPRS to play a major role in the work being undertaken by ICSU-related groups in inter-disciplinary aspects of environmental monitoring and assessment.

Committee of Earth Observation Satellites (CEOS)

In 1997, ISPRS was appointed as an Affiliate (now named 'Associate') of CEOS, the first international scientific organisation to achieve such status. ISPRS is therefore invited to fully participate in the Annual Plenary Meetings of CEOS and in CEOS Working Groups. An initiative taken by ISPRS with CEOS is to encourage the establishment of an international industry forum, incorporating the private sector suppliers of satellite data. This body is still under development.

International Union of Technical Associations and Organisations (UATI)

UATI is a co-ordinating and facilitating organisation for engineering, with UNESCO, UNIDO and ECOSOC, and conducts collaborative projects in the developing world. ISPRS was represented at the March 2000 UATI General Assembly by Ms. Isabelle Veillet from France. ISPRS involvement with UATI is currently being reviewed.

International Society for Optical Engineering (SPIE) and International Society of Biomechanics (ISB)

ISPRS has been a co-operating sponsor for many conferences over the past four years. These have included co-operation between ISPRS Commission V and the International Society for Optical Engineering (SPIE) Videometrics Conferences, and the Technical Group on 3-D Analysis of Human Movement of the International Society of Biomechanics (ISB).

International Standards Organisation (ISO)

ISPRS Liaison and Representatives

ISPRS has liaison status on a number of ISO committees, with varying degrees of activity. Unfortunately, ISPRS has had considerable difficulty in attracting appropriate representatives for these Committees. The names of the ISO Committees with which ISPRS has liaison status, and those Committees for which ISPRS has representatives, are:

1. **ISO/TC 20** 'Aircraft and Space Vehicles'
2. **ISO/TC 42** 'Photography'
3. **ISO TC/172** 'Optics and Optical Instruments'
SC9 Electro-optical systems
Category B Liaison
Current representative: Dr Manfred Schröder (Germany)
4. **ISO TC/211** 'Geographic Information/Geomatics'
Category A liaison
Current ISPRS representatives:
Mr Hans Knoop (Germany) and
Mr Norman Andersen (USA)

Conclusions

Inter-Organisational activities address some of the core objectives of ISPRS and hence must be encouraged. Most of these activities have involved the direct participation of ISPRS Council. Given the considerable load on Council members, the impact of ISPRS on some of these organisations has necessarily been limited. The application of the sciences and technologies of ISPRS are needed for capacitybuilding, particularly in developing countries and for greater public recognition. This recognition will be enhanced as ISPRS works in inter-disciplinary applications with other international organisations, such as those described in this report. It is therefore important that these inter-disciplinary activities are expanded in the future.

ISPRS - A Strategic Plan for the 21st Century

by Lawrence W. Fritz, ISPRS President

July 2000

In early 1997, the leadership of ISPRS realized the need to define the future of the Society and enhance its ability to stay abreast of the changing global community that it serves. The sciences and technologies we work and depend upon are advancing ever faster. These are not times for a strong, vibrant society such as ISPRS to sit back and assume that our activities, structure, outreach and most importantly, value, will be sufficient to meet the challenges and opportunities of the future. Your ISPRS Council colleagues agreed unanimously that it is our elected responsibility to conduct an ISPRS self-evaluation, openly solicit ideas and to formulate a long-range plan - "A Strategic Plan for the 21st Century." This is the tale of this journey and the common vision for the future of ISPRS.

As we depart the 20th Century, the ISPRS can look back at the remarkable achievements and advancements that have been made in the sciences and technologies (S&T) it

represents. From the early 1900s through to the 1960s the activities were dominated by the development of optical analog sensors and instruments to support the photogrammetric discipline. With the introduction of computers and compact electronics in the 1950s, the activities began a shift to analytical systems for data analysis, processing and archiving. The launch of Landsat in 1972 was a milestone event, ushering in the Earth observing era and bringing the discipline of remote sensing out of its earlier photo interpretation roots. The 1980s featured the emergence of geospatial information systems (GIS) with developments for capturing and integrating map features and attributes into user-specific, thematic databases. By the 1990s digital and communication technologies had progressed rapidly and the all-digital era began. This dynamic and exciting new era is best exemplified by the high resolution digital sensors, all-digital processing, archiving and distribution of tailored products to provide timely information. Applications from all of these activities have evolved

from these S&T advancements, initially for mapping and surveillance to a plethora of uses today for almost all aspects of human endeavor.

I believe that Eduard Doležal, who in 1910 founded the International Society for Photogrammetry with the intent to generate “scientific collaboration for the prosperity of humanity,” would be pleased with its evolution. The ISPRS stands out in its recognition by and relevance for the international intergovernmental and scientific community, as compared with its ‘sister societies’ which deal with spatial data. Its growth has been spurred by the adoption of its disciplines throughout the world. (See figure 1.) As we begin the 2000 ISPRS Congress, the ISPRS membership includes 103 national member organizations, 9 associate national member organizations, 8 regional member associations, and 49 sustaining member companies and institutions. It is a very large S&T ‘umbrella’ society of national and regional societies and organizations whose activities have spread widely beyond its European roots to encompass all parts of the world.

The collective wisdom of early ISPRS members formed an organizational structure which has proven to be quite adaptable to changes in its S&T’s and underlying disciplines. The formation of Commissions operating on a four year basis and, subsequently, the creation of Working Groups (WGs) within the Commissions, has been the foundation for fostering international scientific co-operation and collaboration. Today these Commissions and WGs continue to be the heart of the Society, refreshing and nourishing the applications and user community. Now, as we enter the 21st Century, the ISPRS S&T mission has broadened to address the combined sciences and technologies which we denote as the photogrammetry, remote sensing and spatial information sciences (P&RS&SIS). The fundamental photogrammetric research and development (R&D) for exploring and resolving the geometric issues of photography and the spectral/temporal aspects of imaged features is now raised to understanding, identifying, theorizing, and modeling the complexities of images created from all parts of the electromagnetic spectrum. Advanced research continues for automating the detection, identification, correlation and extraction of spatial, spectral and

temporal characteristics of imagery; the modeling for purity of digital geometric restitution; and investigation of optimal representations and fusions of imaged and ancillary data for generalization, aggregation and structuring of data bases. These are just some of the current challenges facing the P&RS&SIS disciplines.

The dominant players in the P&RS&SIS field have always been national governments because of the ‘public good’ provided by imagery (including national security) and its derivable products. Throughout the world, governments funded the majority of the R&D and have been the primary users. However, the core ISPRS sciences and technologies are now mature. This was evidenced by the emergence in the 1990s of a strong investment by the private sector into the “Information from Imagery” community. Whereas the community has been composed throughout history of small companies (colloquially denoted as mom & pop industries) fragmented by function and service, the modern emerging industry is highlighted by large corporations, mergers and alliances of partnering companies to provide full services.

Governments and industry are increasingly recognizing that modern humanity craves information. Together and independently they are working to provide information which fuels national and global economies driven by aspirations to improve the quality of life. The ISPRS community is at the heart of this growing demand for information which can steer decisionmakers in taking sound, and hopefully just, actions. Information from imagery is at the core of 80% of national and regional decisions in the more developed countries. The public relies on imagery daily for weather forecasts and is just now being exposed to the power of near-real-time imagery for assessing current news events globally, regionally and locally. The international science community needs and uses information from imagery to address global science issues, be they assessing and characterizing renewable and non-renewable resources, identifying and monitoring terrestrial ecosystems, atmospheric chemistry and land cover/land use changes or for disaster monitoring, mitigation and relief efforts. Politicians need imagery to develop and validate infrastructure plans for proper transportation, water,

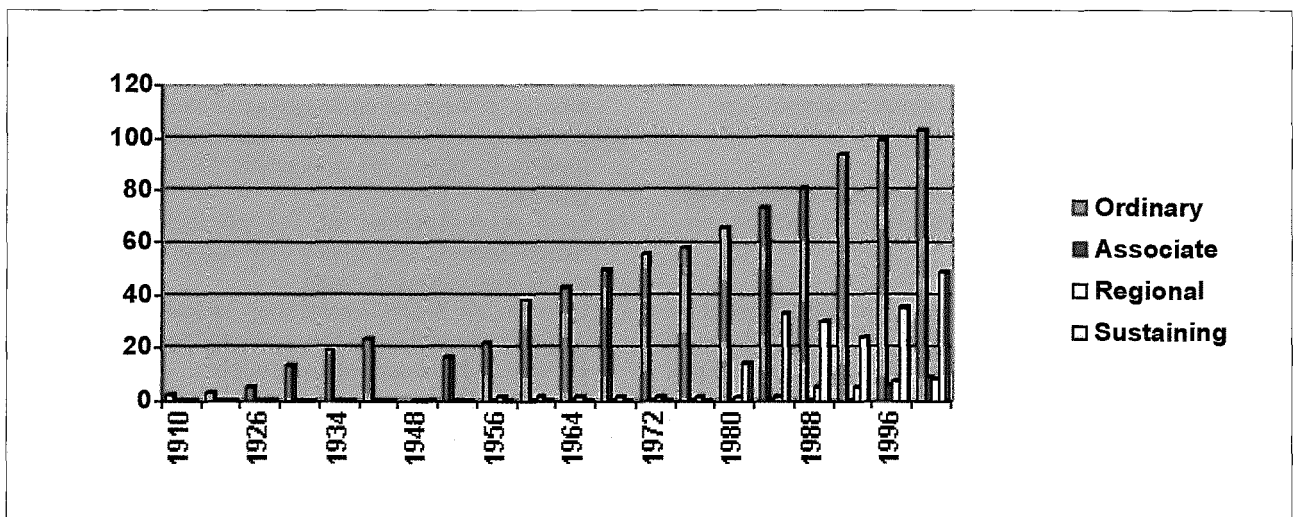


Figure 1. Membership Growth of ISPRS.

health and utility management. Defense, intelligence and enforcement agencies use imagery to enhance security measures, be they for monitoring border activities or to identify, record and track criminal acts. And now, commercial companies are expanding their markets to provide information from imagery for supporting industries in transportation routing, inventory monitoring, real estate assessment, precision agriculture, tourism, entertainment, trends analyses, insurance, and for a myriad of other services, many of which have yet to be realized.

Developing The Vision

It is in the context of this rapidly changing world that I asked the leadership of ISPRS to review its mission, roles and activities with an aim to define a vision for its future, a future which would ensure that ISPRS serves a public function of value. Fortunately, in 1996, the ISPRS General Assembly elected, for the first time in Society history, its Council members from the six major continents of the world. This provided a unique opportunity to develop a vision balanced with the benefit of inputs from broad cultural and regional perspectives. On 1st - 3rd May 1998 the ISPRS Council convened a Strategic Planning Meeting in Bethesda, USA. The meeting was preceded by solicitation and circulation of ideas and recommendations from past and present Society officials for enhancing the role of the ISPRS for the future. At the meeting the Mission and Activities of the Society were reviewed and modified. Goals were then identified and prioritized, Objectives were set for each goal, followed by the specification of Actions and Responsibilities needed to achieve the goals.

There are many questions which arise in the development of plans for the future. They stimulate reflections of 'why' and 'how' and 'to what good' should changes be made. That is:

- What is the ISPRS Mission? Is it adequate?
- What is its constituency? Should we reach further?
- What is its leadership role? Its S&T niche?
- Does ISPRS recognition have value?
- What services can/should ISPRS provide? What are their priorities?
- What are the needs of ISPRS Members?
- How best can we motivate ISPRS Members? ISPRS groups/committees/officers?
- What 'global good' activities should ISPRS pursue? Advocate?
- What is the optimal structure to fulfil its role?
- What revenue sources are available/sustainable to operate ISPRS?

The long-range strategy for the ISPRS to pursue was developed in the light of these questions. A summary of the Society's strategic planning follows:

The Council agreed that the mission of ISPRS should be "devoted to the development of international cooperation for the advancement of knowledge, research, development and education in the photogrammetry and remote sensing and spatial information sciences, their integration and applications, to contribute to the well-being of humanity and the sustainability of the environment." (bold indicates new wording) It is strongly felt that for an international society to serve its constituents it must

advance more than just the disciplines and their applications. It must also help advance general knowledge of, and education in, these fields and, very importantly, state to what the Society can contribute. The scope is broadened to include spatial information as it is an inherent activity which is integral to, and cannot be reasonably divorced from, photogrammetry and remote sensing. Rather, we find that the integrated sciences and technologies we represent are the photogrammetric, remote sensing and spatial information sciences. GIS and close-range measurements are both part of the spatial information sciences and thus our rationale for not using the less inclusive term 'geospatial.'

The activities of the Society were enhanced (indicated by bold) and reordered. It was decided that to achieve its aims, the Society shall:

- (a) facilitate excellence in research and development and the use of proper and appropriate technology in the photogrammetry and remote sensing and spatial information sciences, including the development of standards;
- (b) initiate and co-ordinate research in the fields of the photogrammetry and remote sensing and spatial information sciences by creating Technical Commissions and Working Groups concerned with pertinent aspects of the photogrammetry and remote sensing and spatial information sciences;
- (c) convene international Congresses, symposia and other meetings at regular intervals, 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 of the Photogrammetry and 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 an international journal and other communications relevant to the interests of the Society and the community at large;
- (f) stimulate the formation of national and regional societies of the photogrammetry and 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 a variety of awards to honor the achievements of individuals or groups;
- (i) seek representation of the photogrammetry and remote sensing and spatial information sciences in relevant international forums;
- (j) promote and facilitate education, training, and technology transfer of the photogrammetry and remote sensing and spatial information sciences;
- (k) promote other appropriate actions to enhance the Society's mission.

In addition to strengthening the scientific and publication activities, the Council felt strongly that the ISPRS must be a voice for, and of, its disciplines to those external communi-

ties in which the disciplines and their applications have a constituency. The health and viability of an international society depend on its being recognized for the benefits it brings to the user community. That is, the Society must be an advocate for its membership when it is in and for their common good and interest. This includes public promotion and education of its applications and benefits.

All of these activities have been summarized into seven categories for Goals toward which the Society must aim to keep itself viable in the 21st Century. Within this renewed ISPRS Mission and Activities context, these goals collectively form the vision for the ISPRS. There could be much discussion on the priority for each of these goals but they are recognized as all of major importance. Priorities differ based on Member perspectives and also may vary with time. The goals for ISPRS are listed here within their respective categories.

Encourage and Facilitate Research and Development

- Promote scientific and technological excellence
- Encourage and enhance outputs and assess impacts
- Establish priorities
- Foster development and use of proper and appropriate technologies

Advance Knowledge by Scientific Network Creation

- Stimulate the free flow of information and data
- Promote two-way flows of information with ISPRS Member organizations

Promote International Co-operation

- Stimulate exchanges between Members and:
 - Policy decisionmakers
 - User community
 - Industry
 - Individuals
- Represent the Society and its disciplines with international bodies of:
 - Intergovernmental agencies
 - Related professional and scientific sectors
 - Financial sector
 - Other stakeholders
- Encourage participation of all segments of society

Pursue Inter-Disciplinary Integration

- Encourage integration of activities between concerned disciplines
- Develop a common focus between developers and users groups
- Expand activities at the inter-disciplinary boundaries of the Society's sciences
- Develop a strategy for coordination of international meetings

Facilitate Education & Training

- Promote dissemination and exchange of information through education and training
- Encourage skills formation
- Facilitate human resource development
- Establish educational networks

Enhance and Promote Applications

- Facilitate uses of the photogrammetry, remote sensing and spatial information sciences

- Explore new application areas
- Promote uses of ISPRS activities for sustainable management of resources

Develop Recognition of The Photogrammetry and Remote Sensing and Spatial Information Sciences

- Create public awareness
- Develop standards and promote quality assurance

These are ambitious and somewhat lofty, but are achievable goals. Objectives which further specify what is needed to attain these goals have been set forth during and since the Strategic Planning Meeting. A complete summary of the meeting results and current implementation status is available upon request.

Implementing the Vision

How does all this come together? Clearly, the scientific and technological merit of the Society depends on the success of its Commissions and Working Groups. One of the greatest strengths of the Society is its simple yet flexible structure. (See Figure 2.) The Commissions provide long-term stability for addressing major areas of S&T and applications, whereas through a quadrennial redefinition of the scope and number of the Working Groups the Society maintains the opportunity to continually advance the state of the S&T. This arrangement has improved with time and no significant structural change is required.

The S&T activities of the Society require continual review to maintain relevance in regard to technological advancements. The Internet has, and will continue to have, a profound impact on the Society's activities. It provides a rapid, economical means for international co-operation to flourish. ISPRS must continue to charge ahead strongly to take full advantage of internet potential. This potential includes opportunities for distance learning, with free tutorials prepared by Members; list servers for Working Groups and Commissions and for special interest groups; postings of opportunities such as scholarships, grants, fellowships and jobs opportunities; listings of educational facilities and curricula; virtual meetings; self-posted listings of specialists and ISPRS-interested individuals; news and announcements; etc. Contingent on international access and economical availability, the Internet will enable individuals in developing countries to fully participate in the S&T activities of ISPRS.

The election of national member organizations to host ISPRS Commissions and mid-term Symposia is a strength of the Society. It brings the opportunity for national and regional perspectives and culture to flavor the management and S&T activities to the benefit of all. It has been agreed that Symposia held in developing countries can, within reason, expand the S&T program scope beyond the domain of the Commission to attract and expose international S&T advancements from more developed regions. In a similar fashion, it is imperative that the Society invite more speakers from other groups which function on its interdisciplinary boundaries, and also invite and work with those involved in the international policy arena and user community to help influence the direction of the P&RS&SIS.

The quadrennial direction and conduct of ISPRS S&T is driven by Resolutions approved by the General Assembly.

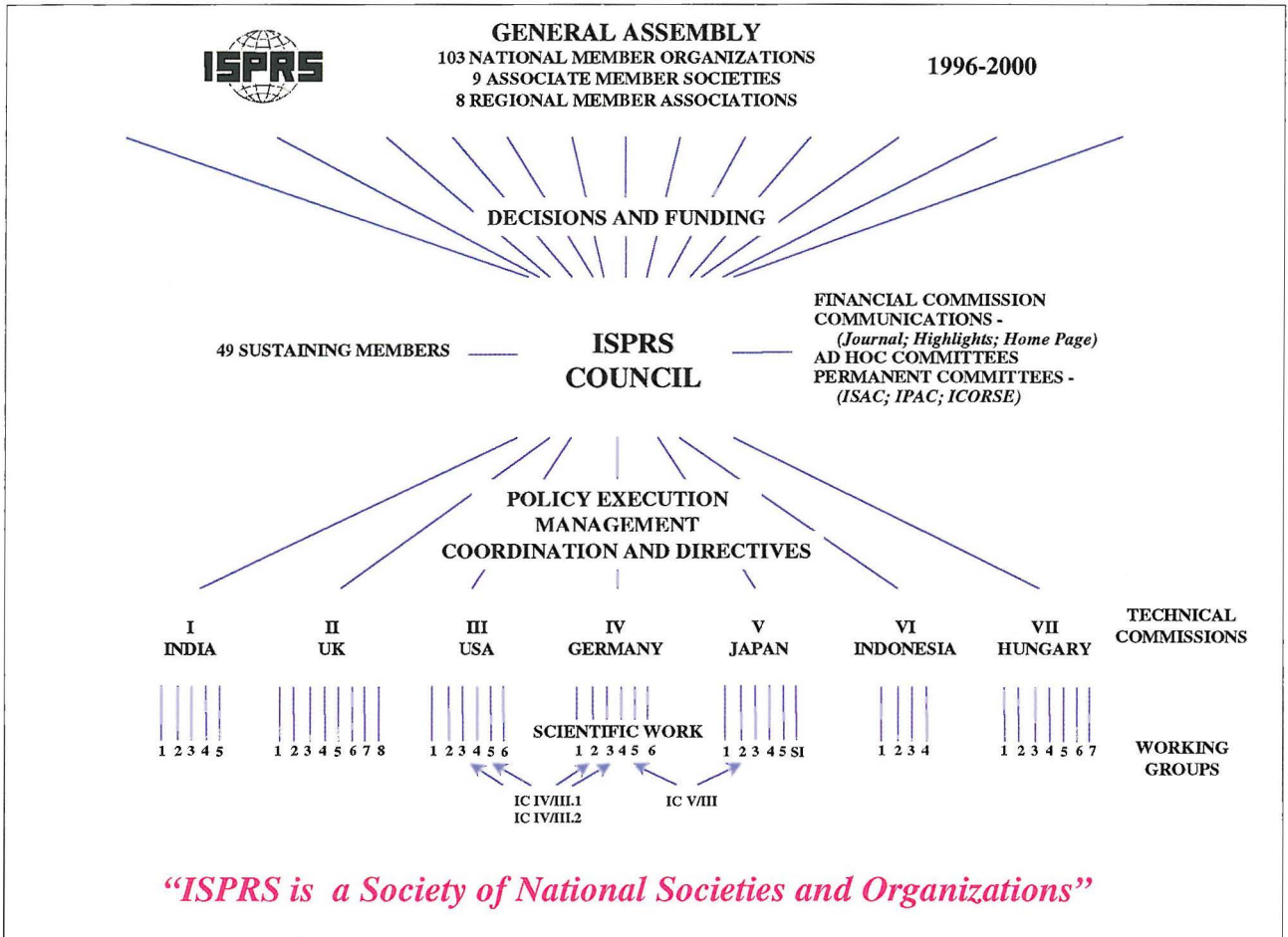


Figure 2. The ISPRS Structure

These resolutions traditionally are prepared by the Commissions with the intent that the Society's Commissions and WGs address topics at the leading edge of S&T. It is recognized that this most important process requires external, as well as internal, review to ensure excellence. Enhancements to improve this process have recently been enacted which activate the Commissions to prepare Resolutions well in advance of the General Assemblies and which establish an International Science Advisory Committee (ISAC) to support this Council-led process. The ISAC was initiated in 1999 and is composed of internationally renowned experts in the P&RS&SIS field.

Many opportunities are available for ISPRS to tangibly improve its value to the global science community. We know that remote sensing can provide measures needed to validate global change hypotheses, can provide measures and assessments of resources and disasters and can monitor the influence of humanity on the Earth's landscape. In this regard, each of the ISPRS Commissions could conduct activities which could provide useful information for internally assisting resolution priority setting, and externally for global decisionmaking. Some examples readily come to fore, such as (by Commission number):

- I provide an annual inventory of available Earth observing satellites and sensors by type and capability
- II provide an annual assessment of global technology capacity, i.e. storage, network, processor speed,

stereo workstations, etc.

- III identify areas in need of R&D and articulate the major challenges for the sciences and technologies
- IV annually provide statistics on the availability of maps and GIS data bases by type, content/scale and location
- V list the varied close-range applications available for use by others and the technical challenges to be solved
- VI provide public links and accesses to P&RS&SIS topics and current listings of education and training offerings
- VII provide an annual State of the World by coverage type, location and percentage, i.e. % land cover/use, % ice cover/water, % atmosphere composition, % pristine vs. polluted, etc.

Some of these are very ambitious challenges, but it is incumbent upon ISPRS to be the true voice for its disciplines, professions and applications. Therefore it must proactively interact with the many other organizations which need valid P&RS&SIS information. International cooperation is an outreach activity and it is important for ISPRS to strengthen its relations with UN-related organizations, sister societies and public user groups and consortia. ISPRS is formally designated as a Non-Governmental Organization (NGO) by the UN Economic and Social Council (ECOSOC) and is a member of the: UN Committee on Peaceful Uses of Outer Space (COPUOS), the Committee on Earth Observation Satellites, Interna-

tional Council for Science (ICSU) and the Union of Technical Associations (UATI); and has signed formal co-operation agreements with organizations such as the UN Office of Outer Space Affairs, the International Center for Remote Sensing of the Environment, and with the IGU Spatial Data Handling Group (SDH). More formal relationships are under development.

ISPRS Officers are frequently requested to deliver statements and speeches to these and similar groups because their activities are positioned in the mainstream of development at all levels. The social and economic success and sustainable development of nations, their global competitiveness and their environmental health and security all have dependencies on the S&T ISPRS represents. It is easy to conceive that without 'information from imagery' there would be chaos for those that seek orderly development. Good public policies require valid information. It is in this context that in 1998 ISPRS established an International Policy Advisory Committee (IPAC) to identify issues and provide policy studies and advice to support Council in creating documents and making presentations for public discussion and for making equitable and sound advocacy stances which will be in the best interest of all sectors of ISPRS. Areas which have come to fore are the needs for public policy dialog between the government S&T community and industry and between information users and providers of data and information. Obviously ISPRS, as an objective NGO, is ideally positioned to lead and facilitate this dialog.

National Members of ISPRS are societies and institutions which receive the greatest benefits from its activities. Yet, remarkably, the long-standing Statutes of the Society have been mute, other than voting and membership fees, regarding the responsibilities of the National Members to make the Society more effective. This has been addressed by Council formulating more explicit Statutes which request Members' involvement by:

- participating in the scientific work of the Society, including active participation in WGs and Commissions;
- promoting ISPRS activities;
- actively participating in the decisions of the General Assembly;
- appointing Correspondents to the Technical Commissions and registering them with the Secretary General;
- 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, and producing a quadrennial report for the Congress;
- demonstrating active representation of the whole of their membership in their country or region;
- encouraging interdisciplinary cooperation in S&T activities, and establishing links with relevant groups;
- forming journals and registering them with the Secretary General.

Administration and Support

The ISPRS activities are all carried out by the voluntary efforts of individuals from Member organizations, and with

the support of their employers. These individuals are dedicated and enthusiastic in the pursuit of their ISPRS endeavors. Their efforts should be beneficial to, and appreciated by, their Member organization, their employer and ISPRS. Individually they benefit from the scientific, social and public aspects of their involvement. The Society must reinforce this rewarding commitment relationship to stay viable. It is hoped that the provision of Society list server services will help increase involvement of individuals.

Management and administration of the ISPRS activities are conducted by the six members of Council. In recent years this effort has become administratively laborious, especially for the Secretary General and to lesser degrees for the President, Treasurer and Vice Presidents who, more or less, need support from their employers and the Society. The Congress Director is faced with the most difficult tasks and requires strong support from the hosting Member Nation. Throughout its 90 years ISPRS has maintained a floating headquarters, which since 1968 has been the location of the Secretary General. Offers have been made for providing a permanent ISPRS headquarters facility, but have been deferred based on objective cost benefit analyses. Council believes it is not in the best interests of the Society to establish a permanent headquarters, to avoid influence from any local biases. Rather it is felt that more attractive arrangements would be for clerical support to be provided on a regional basis or on limited contract basis to support requests for information, circulation of administrative materials, maintenance of Member listings and general support to the Council. This approach would provide the support needed for running the Society professionally, but without interfering with the management and agenda of the Society, which definitely is the elected responsibility of its officers.

The Society administers its activities by annually assessing a subscription fee to each of its 169 member organizations. In recent years the annual income has averaged 145,000 SFr (US\$87,000) and annual expenses average 125,000 SFr (US\$75,000). The bulk of expenses include fees for ISPRS membership in intergovernmental organizations (e.g. ICSU, UATI, etc.), management costs of Council (postage, travel, supplies, etc.), and printing of Society publications (Silver, Blue, Orange Books, brochures, etc.), but no salaries! In reality, the expenses to run ISPRS are more than twice these amounts because of the generosity of Council employers in the form of time, travel, clerical office support, supplies, postage and special printings. However, it is difficult to conceive that all future Council members will receive as much support from employers as in past decades. Yet it is clear that the Society is still growing and continuing to expand its sphere of operations and services for the disciplines it represents.

The Council recognizes the potential for future financial shortfalls. It believes strongly that ISPRS should not be deterred from the full and vigorous pursuit of its goals and activities as set forth herein for achieving its mission. Yet the Society is large and should be run as a professional organization! The Society must be prepared to annually dedicate an amount not to exceed 50,000 SFr (US\$30,000) for clerical support to the Council, especially for the office of the Secretary General. This allocation is achievable without requiring an increase in Member subscriptions

(which impacts developing countries most severely). The establishment of an assessment equivalent to 10% of the registration fees for the ISPRS Congress and Symposia is estimated as almost sufficient to offset these potential costs. Several other measures may be taken to share the administrative load with positive fiscal implications. These include the fact that postage costs will diminish as more Members become linked to the Internet, and aggressive efforts to pursue additional Sustaining Members. Clearly, the Society leadership is charged with continually seeking new and innovative ways and means to run the Society and to shape and frame the future.

Initiatives for Value Enhancement

Value enhancement of Society activities can be measured by its outreach activities, be they publications, communications or joint activities with other groups on the interdisciplinary boundaries. The "ISPRS Journal of Photogrammetry and Remote Sensing" and the continuing series of ISPRS Archive Volumes provide a permanent history of the S&T and other activities of the Society throughout its 90 year history. The Society's Bulletin "ISPRS Highlights" and Home Page on the Internet are now providing Members with timely news and Society information hitherto arcane to most working in the profession. These activities are healthy and should continue, although their form may change with advancements in communications technology. Similarly, ISPRS has good relations with its sister societies of ICA, IAG, IHO and FIG. However, as the boundaries ever increasingly blur between these and other related associations, it is imperative that joint activities become more common. It is time to seek partners who are willing to promote joint meetings, workshops, summer schools, cosponsor events of common interest, and to eventually create joint WGs for S&T activities which overlap the disciplines. This type of joint collaboration should not be limited to just sister societies but also should be sought with intergovernmental organizations (UN, World Bank, ICSU, CEOS, etc.) whenever it is in mutual interest and economically feasible.

A very important initiative is for the Society to formally establish an 'ISPRS Foundation' for the promotion of deserving activities. To pursue the aforementioned goals and activities effectively requires the involvement of scientists and experts from all geographic regions of the world to be enlisted. The Society should create and enhance links with the developing world. Grants made available through the Society should be channelled for the pursuit of scientific and technological activities which benefit the whole P&RS&SIS community and its user constituencies. The need for education and training in our disciplines is very high, especially in developing regions. An ISPRS Foundation would facilitate outreach support for, and development of, distance learning opportunities, tutorials, workshops and related activities. Likewise, this ISPRS Foundation could serve as a source of support for deserving scientists and engineers from developing countries to participate more fully in the educational and scientific activities of the Society. A committee needs to be established to create an ISPRS Foundation and to solicit patrons and sponsors.

Providing an orderly development and implementation of

this vision for the future of ISPRS requires awareness of the S&T relationships of ISPRS with other organizations. It is important to identify with whom and where overlaps of common interests are located. Performing this 'integration for value enhancement' task is necessary to determine priorities for enhancing interdisciplinary relationships, for developing and/or reinforcing joint activities with other organizations and for identifying gaps in relevant activities. To achieve this, two matrices have been initiated to show activity overlaps of ISPRS Commissions with: (a) ISPRS Regional Member Associations, and (b) activities of Other International Organizations and Societies. It is Council's intent to place these matrices on the ISPRS Home Page www.isprs.com. Copies of these matrices can also be obtained from Council. To keep ISPRS relevant in this dynamic world will require continual maintenance of these matrices and periodic assessments of their content, for the Society to set proper priorities and relationships.

The public image of ISPRS is high within its sciences and engineering fields but quite transparent or mysterious to the general public. The acronym ISPRS, let alone P&RS&SIS, does not do justice for promoting the benefits our disciplines bring to the general public. It is now the 21st Century and it is time we improve our identity. Some moves in this direction include the promotion of a subtitle or tag-line for the Society which describes who we are and what we do. The most encompassing and descriptive title for ISPRS is "Information from Imagery." To accompany this bold move from tradition is the creation of a modern logo befitting of the Society. A marketing manager, hired on commission basis, could support other promotional efforts for enhancing public awareness of the Society and the disciplines and professions it represents. Such a position can solicit Sustaining Members, sponsors for events, gather materials for ISPRS exhibits, draft press releases and provide related publicity services. The revenue generated from this activity should be used to avoid need for Member subscription increases.

Concluding Remarks

The ISPRS is an excellent blend of specialists from academia, industry and government. As a Society formed to foster international co-operation it provides a public forum for advancement and promotion of S&T achievements and challenges to be shared, debated and documented. At the same time, the Society provides a social opportunity for cultural differences to be shared and synergies to develop which cultivate lasting relationships for the benefit of all. The vision of ISPRS is to be 'the' international focal point for excellence in the photogrammetric, remote sensing and spatial information sciences. Its mission and activities all have altruistic roots and it flourishes on the voluntary efforts of its Members. It works on open democratic principles and it subscribes to an internationally accepted non-discriminatory doctrine. This summary vision of the future for ISPRS in the 21st Century is the result of a consensus of opinion by the ISPRS Council that began from its strategic planning meeting. The opportunity to enhance the Society is great and the resources are available. The ISPRS has a long and glorious history which we revere and wish to preserve, enhance and perpetuate. Its success is now contingent on the collective efforts and dedication of its Members.