

General Assemblies

- 1. Delegates**
- 2. Agenda**
- 3. Minutes**
- 4. Reports by:**
 - **Shunji Murai (President)**
 - **Lawrence W. Fritz (Secretary General)**
 - **Karl Kraus (Congress Director)**
- 5. Extraordinary General Assembly
at the Vienna University of Technology**



The Netherlands' Delegation



Austria's Delegation

Iran's Delegation



DELEGATES TO GENERAL ASSEMBLY

18th ISPRS Congress
Vienna, Austria

= Category
V = Voting Rights (Yes or No)

General Assembly Delegations				
ORDINARY MEMBER	#	V	DELEGATE	ADVISORS
Brazil	8	Y	Eng. Nei Erling	Miss Ana Maria Coutinho Paulo Cesar Gurgel
Canada	8	Y	Mr. Dave Carney	Dr. Wolfgang Faig Dr. Costas Armenakis
Germany	8	Y	Prof. Dr. Franz K. List	Prof. Dr. Jörg Albertz Prof. Dr. Dieter Fritsch Prof. Dr. Heinrich Ebner
India	8	Y	Dr. George Joseph	Prof. B. L. Deekshatulu Dr. P. K. Sharma
Russian Federation	8	Y	Dr. Alexander Drazhnujk	Gleb A. Zotov Dr. Ivan Antipov Alexander Baranov
United States of America	8	Y	Dr. Tina K. Cary	Dr. John R. Jensen Dr. Maurice O. Nyquist Dr. Stanley A. Morain Mr. William D. French
Japan	7	Y	Mr. Kazuhiko Otake	Dr. Ryutaro Tateishi Dr. Hirofumi Chikatsu
China	6	Y	Prof. Dr. Li Deren	Prof. Zhang Zuxun Prof. Chen Jun
France	6	Y	Isabelle Veillet	Olivier Jamet
Italy	6	Y	Prof. Attilio Selvini	Dr. Carlo Cannafoglia Prof. Luigi Mussio
Spain	6	Y	Dr. Jaume Miranda	Dr. Joaquin Rodriguez
United Kingdom	6	Y	Prof. J. A. Allan	Prof. Ian J. Dowman Mr. I. Newton
Australia	5	Y	Dr. Norm Campbell	Mr. David Hocking Prof. Bruce Forster Prof. Greg Ellis
Finland	5	Y	Mr. Jussi Paavilainen	Prof. Dr. Henrik Haggrén Ms. Anita Laiho Prof. Dr. Risto Kuittinen
South Africa	5	Y	Prof. Dr. Heinz Rütter	Dr. Scott Mason
Sweden	5	Y	Mr. Anders Boberg	Mr. Lars Skog Mr. Hakan Wiman Mr. Dan Klang
Austria	4	Y	Dipl.-Ing. Ernst Höflinger	Prof. Dr. Gerhard Brandstätter Dipl.-Ing. Rainer Kilga

General Assembly Delegations				
ORDINARY MEMBER	#	V	DELEGATE	ADVISORS
Indonesia	4	Y	Mr. Rudolf Matindas	Mr. Riadika Mastra Mr. Teuku Lukman Aziz
Jordan	4	Y	Dir. Gen. Saliem Khalifa	Eng. Khalil Salameh
Netherlands	4	Y	Prof. Dr. Martien Molenaar	Prof. Dr. Klaas J. Beek Ir. Gerard J. A. Nieuwenhuis
Switzerland	4	Y	Dipl.-Ing. André Flotron	Dipl.-Ing. Christoph Eibenbenz Alain Chapuis
Algeria	3	Y	Dir. Nadir Saadi	Omar Zerhouni Farouk Doumi Djilali Maireche
China-Taipei	3	Y	Prof. A. J. Chen	Prof. L.-C. Chen
Denmark	3	Y	Prof. Poul Frederiksen	Prof. Ole Brande-Lavridsen Lars Tyge Jorgensen
Hungary	3	Y	Prof. Dr. Akos Detrekoi	Prof. Dr. Gabor Mélykuti Dipl. Ing. Péter Winkler Dr. Gabor Remetey-Fülöpp
Morocco	3	Y	Mr. Mohamed Hmam	Mr. Abdellilah El Himdy
Nigeria	3	N	Prof. Olubodun Ayeni	Mr. Julius A. Ogunlami
Norway	3	Y	Prof. Oystein Andersen	Prof. Ingolf Hadem Prof. Oddgeir Ofsti
Poland	3	Y	Prof. Dr. Jozef Jachimski	Dr. Romuald Kaczynski Prof. Dr. Zbigniew Sitek
Sri Lanka	3	Y	Mr. Sarath Jayatilaka	
Ukraine	3	N	Dr. Alexander Dorozynsky	Sergey Olejnik Bogdan Onysko
Argentina	2	Y	José Eduardo Juliá	Luis Alberto Matula
Bulgaria	2	Y	Dr. Ivan Katzarsky	Dr. Ljuba Pavlova Dr. Lilia Koleva
Colombia	2	Y	Mme. Myriam Ardila-Torres	Ms. Rose Marie Aldana Yovany Martinez Santiago Bossero
Croatia	2	Y	Prof. Dr. Teodor Fiedler	Mrs. Lidija Semak
Czech Republic	2	Y	Dr. Ing. Vlastimil Hanzl	Dr. Ing. Miroslav Roule Dr. Vitezslav Nováček
Greece	2	Y	Mrs. Maria Tsaoussi	Prof. Andreas Georgopoulos Dr. Chryssy Potsiou
Egypt	2	Y	Eng. Mohamed Mosaad Ibrahim	Dr. Dalal Al Naggar Dr. Abdel Hadi Abdel Aal Dr. Wagih Hanna
Hong Kong	2	Y	Chung Tim Lau	Gordan Andreassend
Israel	2	Y	Dr. Joseph Forrai	Dr. Amnon Krupnik Yerachmiel Doytsher

General Assembly Delegations				
ORDINARY MEMBER	#	V	DELEGATE	ADVISORS
Korea	2	Y	Prof. Dr. Kyu-Joen Cho	
Kuwait	2	N	Ghassan Al Thaqeb	Khaled Al Azmi Hisha Al Tulaihy
Malaysia	2	Y	Dr. Abdul Kadir Taib	Mr. Ahmad Fauzi Nordin
New Zealand	2	Y	Mr. Paul Millin	
Romania	2	Y	Prof. Lucian Turdeanu	Prof. Floreo Zavoianu Colin-Daniel Nitu Ion Ionescu
Slovakia	2	Y	Dr. Pavel Bartoš	Dr. Viktor Gregor
Thailand	2	Y	Lt. Gen. Anan Phunsanong	Col. Lek Chudasuta Col. Boonlert T. Krongsin Flt. Lt. Arerat Phunsanong
Turkey	2	Y	Capt. Eng. Oktay Aksu	Prof. Dr. Ayhan Alkis Prof. Dr. Orhan Altan Prof. Dr. Hayrettin Gürbüz
Yugoslavia	2	Y	Prof. Dr. Dusan Joksic	Prof. Dr. Dragan Mihajlovic
Chile	1	Y	Brig. Gen. Enrique Gillmore Callejas	Alfredo Gonzalez Silva
Cote d'Ivoire	1	Y	Dr. Fofana Mamadou	Kouadio Stephane Mian Yao Sabenin Diomande Yatie
Cuba	1	Y	Garcia Reyes Edel	Cabrera Quinones Julio
Ethiopia	1	Y	Gen. Mgr. Hadgu G. Medhin	Mr. Girma Messelu
Ghana	1	Y	Dir. Naa Alhaji Iddirisu Abu	Mr. Ridwan Brimah Mr. Jonathan Allotey Abbosey
Iran	1	Y	Dir. Ahmad Shafaat	Mr. Mohammad Sarpoulaki Mr. Saeid Noori-Bushehri Mrs. Nadia Shariary Mr. Mehrdad Jafari-Salim
Kenya	1	Y	Kombo Mwero	
Latvia	1	Y	Dr. Rihards-Uldis Zuments	
Mongolia	1	Y	Dr. M. Saandar	
Nepal	1	Y	Mr. Buddi Narayan Shrestha	
Philippines	1	Y	Mr. Federico M. Nadela	Jose Galo Isada Epifanio D. Lopez
Slovenia	1	Y	Mr. Janez Oven	Mr. Vasja Bric Mrs. Mojca Kosmatin Fras Mr. Borut Cvar
Tunisia	1	N	Dr. Mohamed Talbi	
United Arab Emirates	1	Y	Mohammed Al Zaffin	

General Assembly Delegations				
ORDINARY MEMBER	#	V	DELEGATE	ADVISORS
Zambia	1	N	Prof. Dr. Aleksandra Bujakiewicz	

In summary:

64 Ordinary Members are participated in the General Assemblies.

59 Ordinary Members were entitled to vote.

A total of 206 votes could be cast at the General Assemblies.

5 Associate Members and 7 Regional Members participated in the General Assemblies.

"SM"



"LF"



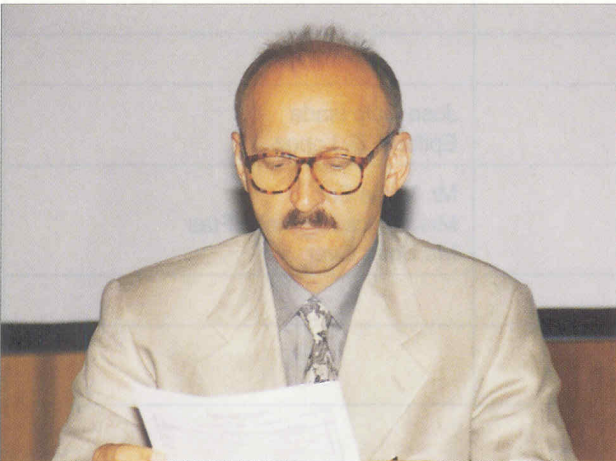
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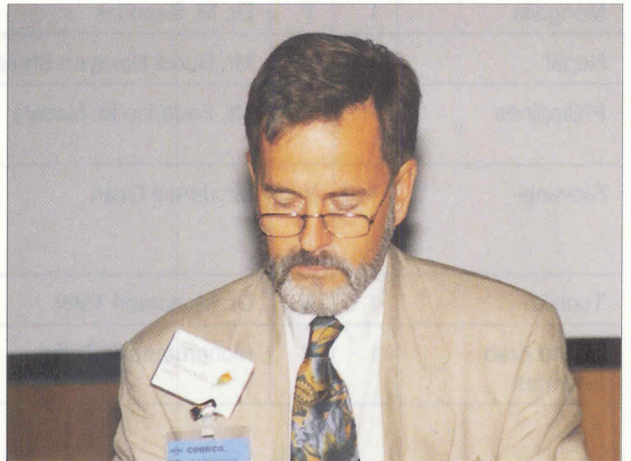
"JT"



"AG"



"KT"



**ISPRS General Assemblies
Non-Voting Delegates**

= Category
V = Voting Rights (Yes or No)

General Assembly Delegations				
REGIONAL MEMBER	#	V	DELEGATE	ADVISORS
AARS	1	N	Prof. Dr. Kaew Nualchawee	Mr. Thongchai Charupatt Mr. Supan Karnchanasutham
AARSE	1	N	Prof. Peter O. Adeniyi	Mrs. Chima
EARSeL	1	N	Prof. Dr. Gottfried Konecny	Prof. Manfred Buchroithner
OACT	1	N	Mr. Muftah Unis	
OEEPE	1	N	Mr. Christian M. Paresi	Mr. M. J. D. Brand Prof. Dr. Otto Köbl
PAIGH	1	N	Dr. Chester J. Zelaya-Goodman	Paul L. Peeler
SELPER	1	N	Dr. Roberto Pereira da Cunha	Mauricio Araya

General Assembly Delegations				
ASSOCIATE MEMBER	#	V	REPRESENTATIVE	ADVISORS
Iran - RS	1	N	Dr. S. Abbas Mokabbery	
Italy - RS	6	N	Dr. Adriano Cumer	
Korea - GIS	2	N	Prof. Bock-Mo Yeu	Prof. In-Joon Kang Prof. Hong-Ki Park
Korea - RS	2	N	Dr. Choen Kim	
Thailand - Sci	2	N	Miss Rasamee Suwanwerakamtor	Miss Choosri Keedomrongkool Miss Supapis Polngam

ISPRS Officers at General Assemblies		
COUNCIL	FINANCIAL COMMISSION	HONORARY MEMBERS
Prof. Dr. Shunji Murai (SM)	Keith Atkinson	Prof. Dr. Fritz Ackermann
Lawrence W. Fritz (LF)	Prof. Dr. John Badekas	Dr. Frederick J. Doyle
Prof. Dr. Karl Kraus (KK)		Prof. Dr. Gottfried Konecny
Prof. Dr. John Trinder (JT)		
Prof. Dr. Armin Gruen (AG)		
Prof. Dr. Kennert Torlegård (KT)		

**XVIII ISPRS CONGRESS
AGENDA OF GENERAL ASSEMBLIES**

GA-1 1530-1730 hours, Wednesday, 10 July 1996

1. Opening Address
2. Introduction of Invited Persons
3. Confirmation of Voting Rights
4. Approval of Agenda
5. Admission of New Members
6. Change of Categories
7. Explanation of Voting Rights
8. Approval and Ratification
 - a. Ratification of Doležal Award
 - b. Approval of Donation by Pasco International
9. Proposals to Host the 19th Congress in 2000
 - a. Indonesia
 - b. The Netherlands
10. Proposed Amendments to Statutes and Bylaws
11. Discussion of Proposed Amendments to Statutes and Bylaws

GA-2 1530-1730 hours, Friday, 12 July 1996

6. Change of Categories (Continued)
12. Election of Host for the 2000 Congress
13. Ratification of Congress Director
14. Discussion of Proposed Amendments to Statutes and Bylaws
15. Decision on Amendments to Statutes and Bylaws
16. Proposals to Host the Technical Commissions for 1996-2000
17. Nomination of Council and Financial Commission
18. Reports of Council
 - a. President
 - b. Secretary General
 - c. Treasurer

GA-3 1530-1700 hours, Monday, 15 July 1996

19. Presentation of Awards
 - a. The Samuel Gamble Award
 - b. The Schermerhorn Award
20. Election of President
21. Election of Secretary General
22. Appointment or Election of First Vice President
23. Election of Second Vice President
24. Election of Treasurer
25. Election of the Hosts for Technical Commissions
26. Election of Chairperson and Members of Financial Commission

GA-4 1530-1730 hours, Tuesday, 16 July 1996

27. Address of IUSM
28. Congress Director's Report
29. Report of Ad-hoc Committee on E-mail
30. Report on ISPRS Home Page
31. Report on ISPRS Journal
32. Report of Ad-hoc Committee on ISPRS Journal
33. Report on New Contract with Elsevier
34. Report on ISPRS Bulletin

GA-5 1530-1730 hours, Wednesday, 17 July 1996

19. Presentation of Awards (Continued)
 - c. Presentation of the Schwidewsky Medal
 - d. Presentation of CATCON Awards
 - e. Presentation of Cosmonaut Diploma
35. Report on Interorganizational Relations
36. Report of Financial Commission
37. Decision on Unit of Subscription
38. Approval of Resolutions
39. Other Business
40. Closing

MINUTES OF ISPRS GENERAL ASSEMBLIES
(prepared by Lawrence W. Fritz, Secretary General, 1992-1996)

First General Assembly
Wednesday, 10 July 1996

1. Opening Address

President Murai welcomed all delegates, advisors and observers to the General Assembly of the XVIII ISPRS Congress. He introduced the members of Council, Financial Commission and Honorary Members. He requested a roll-call of attendance by Secretary General.

2. Introduction of Invited Persons

No Invited Persons were introduced.

3. Confirmation of Voting Rights

Secretary General Fritz summarised the voting rights of the 57 Ordinary Members present. 53 Ordinary Members were entitled to vote and a total of 185 votes could be cast. Regional Members represented were AARS, EARSeL, OEEPE, SELPER, the African Association for Remote Sensing of the Environment (AARSE) and the Pan American Institute of Geography and History (PAIGH). The AARSE and PAIGH were welcomed to their first General Assembly participation, having been accepted as Regional Members by mail vote. President Murai presented the Representatives of AARSE and PAIGH with Membership Certificates.

4. Approval of Agenda

The Agenda was approved by the General Assembly.

5. Admission of New Members

New Ordinary Members were admitted to ISPRS Category 2 from Croatia, Czech Republic and Slovakia, and to ISPRS Category 1 from Ghana, Lebanon and Namibia. President Murai presented Membership Certificates to the Delegates of Croatia, Czech Republic, Slovakia and Ghana.

6. Change of Categories

The following Ordinary Members requested ratification of an increase in their membership category. The changes approved were:

Egypt	1 to 2
India	1 to 8
Italy	5 to 6
Ukraine	1 to 3

7. Explanation of Voting Rights

Secretary General Fritz explained voting regulations to the General Assembly. To enable an Ordinary Member to vote, subscriptions must be fully paid up to and including Financial Year 1995. New members may vote provided that they have paid for Financial Year 1996.

8. Approval and Ratification

- a. Ratification of Doležal Award Congress Director Kraus reviewed the terms of this new Award. ISPRS sponsorship of the Doležal Award was ratified.
- b. Approval of Donation by Pasco Corp. President Murai explained the financial donation by Sustaining Member, Pasco Corporation which had been received to support Young Author awards and the computer-assisted teaching contest (CATCON). The donation was approved.

9. Proposals to Host the 19th Congress in 2000

Proposals to host the XIX Congress of ISPRS were made by:

- a. Indonesia
Site: Bali International Convention Centre
Date: 3-12 July 2000
Congress Director: Teuku Lukman Aziz
- b. The Netherlands
Site: Amsterdam
Date: 16-23 July 2000 (plus tutorials before and workshops afterwards)
Congress Director: Klaas Beek

10. Proposed Amendments to Statutes and Bylaws

The proposed amendments to the Statutes and Bylaws were distributed to all Delegates. Then the proposed Amendments to Statutes and Bylaws were introduced by Second Vice President Gruen. In summary, these were concerned with the following topics: Definitions; Awards; Associate Membership; Sustaining Membership; Council composition and responsibilities; Ordinary Member responsibilities; Technical Commission Annual Report responsibilities; Commission VI terms of reference; ratification of gifts; voting rights; minor edits and gender adjustments.

11. Discussion of Proposed Amendments to Statutes and Bylaws

Discussion included:

- (a) A proposal from Italy that responsibilities could be shared more widely if Technical Commissions had more than one Secretary. Secretary General Fritz pointed out the administrative problems which could ensue but added that additional international sharing of responsibilities could benefit from a suitably appointed Commission Board. However, it is too late to propose an amendment to Statutes for approval by this General Assembly.
- (b) Sweden proposed the definition be limited to sensor data. Second Vice President Gruen stated that ISPRS should cover GIS and cartographic data.
- (c) Greece suggested to drop "other related sciences"

from the definition. Second Vice President Gruen then noted that ISPRS interaction includes relations with other sciences such as with IEEE, SPIE, etc.

Second General Assembly Friday, 12 July 1996

President Murai began the meeting by introducing representatives of potential Associate Members and a potential Regional Member representative from the Organisation of Islamic Capitals and Cities.

Secretary General Fritz then called the roll of delegations. 63 Ordinary Members and six Regional Members were present, 59 Ordinary Members were entitled to vote and a total of 196 votes could be cast.

6. Change of Categories (Continued)

- (a) Resignations from Ordinary Membership were accepted from Bophuthatswana, Czechoslovakia and Estonia.
- (b) A reduction in category from 8 to 5 for Brazil was approved.

12. Election of Host for the 2000 Congress

The Netherlands was elected to host the XIXth Congress of ISPRS in Amsterdam in the year 2000 as a result of a ballot in which The Netherlands received 140 votes and Indonesia received 54 votes. Two votes were marked improperly and declared invalid.

13. Ratification of Congress

Director Dr. Klaas Beek was ratified as XIX Congress Director.

14. Discussion of Proposed Amendments to Statutes and Bylaws

- (a) France questioned the place of "spatial information systems (SIS)" in the definition of ISPRS activities.
Secretary General Fritz explained the rationale for the change and was supported by statements by Delegates of the United Kingdom and The Netherlands.
- (b) Sweden suggested that archaeology be added to Bylaw II and image science be specified in Bylaw V.
Second Vice President Gruen justified the proposed wording.

15. Decision on Amendments to Statutes and Bylaws

President Murai asked for a vote by show of hands. The changes to the Statutes and Bylaws proposed by Council were approved by all Delegations, except a dissenting vote by France.

16. Proposals to Host the Technical Commissions for 1996-2000

Eleven Delegations were provided six minutes each for presenting their proposals. The following Host Society, Technical Commission President (TCP), and Symposium sites were proposed:

- (a) Commission I proposal -
Indian Society of Remote Sensing
TCP: Dr. George Joseph
Site: Bangalore, February 1998
- (b) Commission II proposal -
UK National Committee for Photogrammetry and Remote Sensing
TCP: Prof. Ian J. Dowman
TC Secretary: Prof. R. Harris
Site: Cambridge, June 1998
- (c) Commission IV proposal -
Deutsche Gesellschaft für Photogrammetrie und Fernerkundung
TCP: Prof. Dieter Fritsch
Site: Stuttgart, September 1998
- (d) Commission VII proposal -
Hungarian Society of Surveying, Mapping and Remote Sensing
TCP: Dr. Gabor Remetey-Fülöpp
Site: Budapest, September 1998
- (e) Commission III proposals:

Chinese Society of Geodesy, Photogrammetry and Cartography
TCP: Prof. Zhang Zuxun
Site: Wuhan, 1998

American Society for Photogrammetry and Remote Sensing
TCP: Dr. Toni F. Schenk
TC Secretary: Dr. Kim L. Boyer
Site: Columbus, Ohio, June 1998
- (f) Commission V proposals:

Finnish Society of Photogrammetry and Remote Sensing
TCP: Prof. Henrik Haggrén
TC Secretary: Ms. Anita Laiho
Site: Helsinki, 23-28 August 1998

Japan Society of Photogrammetry and Remote Sensing
TCP: Dr. Hirofumi Chikatsu
TC Secretary: Mr. Yoshito Miyatsuka
Site: Hakodate City, 2-5 June 1998
- (g) Commission VI proposals:

Brazilian Society of Cartography
TCP: Dr. Tania Sausen
Site: Rio de Janeiro, September 1998

Indonesian Surveyors Association
TCP: Mr. Klaas Vilaneuva
Site: Bandung, 24-26 August 1998

Italian Society for Surveying and photogrammetry
TCP: Prof. Luigi Mussio
Site: Parma, Spring 1998

17. Nominations of Council and Financial Commission

Secretary General Fritz announced the following nominations:

(a) For members of Council:

President: Mr. Lawrence W. Fritz (USA)
Second Vice-President: Mr. Marcio Barbosa (Brazil),
Prof. Li Deren (China)
Secretary General: Prof. John C. Trinder
(Australia)
Treasurer: Prof. Heinz Rüter (South
Africa)

(b) For Financial Commission:

Chairman: Prof. Armin Grün
(Switzerland)
Member: Dr. Ivan Katzarsky (Bulgaria)

President Murai stated that nominations for membership of the Financial Commission were still open and nominees were requested.

18. Reports of Council

(The complete text of the Reports of the President, Secretary General, and Treasurer are printed in their entirety in Archives A.)

a. President
President Murai presented a report of his activities and of Council achievements during his term of office.

Third General Assembly Monday, 15 July 1996

President Murai opened the session and welcomed applicants for Associate Membership, recipients of Awards and candidates for hosting Technical Commissions.

Secretary General Fritz called the roll of delegations. 58 Ordinary Members and all seven Regional Members were present, 56 Ordinary Members were entitled to vote and a total of 188 votes could be cast.

First Vice President Torlegård explained to the Delegates that the draft Technical Resolutions which had been distributed required comment and any issue which had not been addressed could still be the subject of a new draft resolution.

5. Admission of new Members (Continued)

President Murai announced applications had been received for Associate Membership from the following:

- Iranian Remote Sensing Centre
- Italian Remote Sensing Association
- Korean Society of Remote Sensing
- Korean Society for Geospatial Information System
- National Research Council of Thailand

These organisations were approved unanimously as ISPRS Associate Members. President Murai presented them with Membership Certificates.

18. Reports of Council (Continued)

b. Secretary General
Secretary General Fritz summarised his activities and highlighted changes in Society Membership since the 1992 Washington Congress.

c. Treasurer
Treasurer Trinder presented the financial report for the 1992-1996 period.

19. Presentation of Awards

a. Samuel Gamble Award

First Vice-President Torlegård announced the winners and Dave Carney (Canada) presented them with certificates of the award. The recipients are:
Prof. Dr. Peter Waldhäusl (Austria)
Prof. Mauricio Araya-Figueroa (Chile)

b. Schermerhorn Award

First Vice-President Torlegård announced that Dr. David M. McKeown (USA) is the winner. Dr. Tina Cary accepted the award for him from Prof. Klaas Beek (Netherlands).

20. Election of President

Lawrence W. Fritz (USA) was elected unopposed.

21. Election of Secretary General

John C. Trinder (Australia) was elected unopposed.

22. Appointment of First Vice-president

Shunji Murai (Japan) announced that he would exercise his prerogative to become First Vice-President.

23. Election of Second Vice-president

Candidates were Marcio Barbosa (Brazil) and Li Deren (China). M. Barbosa received 121 votes, Li Deren received 64 votes and there were 3 abstentions. M. Barbosa was elected.

24. Election of Treasurer

H. Rüter (South Africa) was elected unopposed.

25. Election of the Hosts

For Technical Commissions

- (a) India (Commission I), United Kingdom (Commission II), Germany (Commission IV), and Hungary (Commission VII) were elected unopposed.
- (b) In the election to host Commission III, China received 44 votes and USA received 141 votes. USA was declared host for Commission III.
- (c) In the election to host Commission V, Finland received 91 votes and Japan received 97 votes. Japan was declared host for Commission V.
- (d) In the election to host Commission VI, Brazil received 13 votes, Indonesia received 87 votes and Italy received 86 votes. In a second ballot, Indonesia received 102 votes and Italy received 82 votes. Indonesia was declared host for Commission VI.

26. Election of Chairman and Membership of the Financial Commission

Armin Gruen (Switzerland) was elected Chairman and Anders Boberg (Sweden) and Ivan Katzarsky (Bulgaria) were elected members of the Financial Commission unopposed.

Fourth General Assembly Tuesday, 16 July 1996

President Murai welcomed new Honorary Member F. Ackermann, IUSM President E. James and a number of Invited Persons to the General Assembly. Secretary General Fritz then called the roll of delegations. 55 Ordinary Members, six Regional Members and two Associate Members were present. 53 Ordinary Members were entitled to vote and a total of 181 votes could be cast.

27. Address of IUSM

IUSM President, James addressed the General Assembly on behalf of the Union. He stated that IUSM comprises 5 members (ISPRS, ICA, FIG, IAG, IHO) and 1 associate member (SORSA). IUSM endeavours to promote interdisciplinary strategies and encourages co-operation and collaboration. It has limited staff and money and, unfortunately, suffers from a lack of commitment among member organisations. IUSM has been in existence for seven years but we should not expect too much, too soon. A joint "Congress" of all IUSM members, at least once, was a positive aim.

28. Congress Director's Report

Congress Director Kraus presented the statistics of registration as of Monday evening, July 15th as 2,348 in all categories, plus 195 accompanying persons. He noted that 303 attended the 10 Tutorials and 518 participated in 10 technical tours. 2,417 separate

parts of the **International Archives of Photogrammetry and Remote Sensing, Volume XXXI** have been sold.

39. Other Business

It was announced that the Italian delegation had written a letter of protest to Council and the General Assembly noting the complete absence of Indonesia at the Commission VI Business Meeting the day after being elected Commission VI host. The protest was regarding the lack of communications between outgoing and incoming Commission Presidents in accord with ISPRS Guidelines. President Murai issued a warning to Indonesia, stressing the vital importance of Indonesian participation in the Council Meeting with Incoming-Outgoing Commission Presidents on 18th July.

29. Report of ad hoc Committee on E-mail

Commission V President J. Fryer (Australia) reported the committee's findings. The committee recommends the use of E-mail for informal communications, whereas air mail and fax should be used for routine and serious business.

30. Report on ISPRS Home Page

Second Vice-President Grün reported on the establishment, unofficially in 1994 and formally in January 1996, of the ISPRS Home Page on the World-Wide-Web. He summarised its content and directories. He presented statistics which noted that 2000 inquiries per day were received in June 1996. He encouraged more Ordinary Members to establish their own Home Pages with directory indicators to and from the ISPRS Home Page.

31. Report on ISPRS Journal

Editor-in-Chief D. A. Tait (UK) presented his report on the ISPRS Journal of Photogrammetry and Remote Sensing. During the four year term, 95 peer reviewed papers were published from authors in 24 countries. Publication was on time with excellent working relations with publisher Elsevier. A slight decrease in the number of subscribers was in line with general trends in publishing. Invited review papers and theme issues have become part of editorial policy.

32. Report of ad hoc Committee on ISPRS JOURNAL

Honorary Member G. Konecny (Germany) reported on the findings of this three member committee he chaired with members K. B. Atkinson (UK) and D.A. Tait (UK). The committee met in London in 1994 and with J. Kiebert of Elsevier in Amsterdam in February 1995. It was noted that Elsevier owns the Journal at no financial risk to ISPRS. With over 500 institutional subscribers and 35 individual subscribers, the Journal primarily serves authors' purposes, rather than those of ISPRS. The Table of Contents are now carried on the Internet. Elsevier is likely to continue to produce

the Journal, irrespective of any ISPRS wish to the contrary.

The committee recommended that

- (a) the Journal should publish peer reviewed articles, and news and
- (b) ISPRS Secretary General should investigate ways of more effective communications with ISPRS members.

33. Report on new Contract with Elsevier

President Murai reported on his initiatives to make new contractual arrangements with Elsevier for the publication of the ISPRS Journal containing high quality peer reviewed articles in a publication which would be aimed primarily at institutional libraries. The Journal should also carry announcements.

The Netherlands delegate, while complimenting the Editor on his excellent work, suggested that Elsevier did not do enough to promote the Journal, especially to other disciplines.

34. Report on ISPRS Bulletin

Secretary General Fritz presented plans for the production of a quarterly publication which could contain news, book reviews, the ISPRS Annual Report, events calendar, minutes of Council meetings, Commission and WG newsletters, invited speeches, member news and advertisements. M. Araya-Figueroa (Chile) is the proposed editor. A typical issue would be 48 pages (ranging from 32 pp to 96 pp) with 16 pages in colour. The publication would be perfect bound and an Internet version would also be created. A quantity of free copies would be sent to each Member Organisation with the quantity based on the member category. An outline budget of \$55,000 US expenditure and \$30,000 US income from advertisements showed a projected first year cost to ISPRS of \$25,000 US (approx. 30,000 Swiss francs).

The United Kingdom delegate queried contradictory costs for the publication which were clarified by Treasurer Trinder. He said that these costs can be afforded over a short period in order to improve the dissemination of information. He hoped that increased income from advertising would eventually offset all expenditure. The delegates from South Africa and Sweden spoke in favour of the proposal as the publication should stimulate communication within and outside ISPRS.

Fifth General Assembly Wednesday, 17 July 1996

President Murai welcomed several invited guests. Secretary General Fritz called the roll of attendance.

Secretary General Fritz then called the roll of delegations. 51 Ordinary Members, all seven Regional Members and one Associate Member were

present. 49 Ordinary Members were entitled to vote and a total of 175 votes could be cast.

34. Report on ISPRS Bulletin (Continued)

First Vice-President Torlegård summarised replies to the *questionnaire on information and communication* which had been distributed to all delegations. He noted that 18 replies had been received and members were encouraged to submit further replies. From the replies received, it was clear that many members intend to introduce electronic forms of communication within a few years. At present, the majority of replies indicate a preference for both printed and electronic forms of any ISPRS Bulletin. Most members were willing to maintain their own subscriber list for copies of the Bulletin. First Vice-President Torlegård concluded that 2,500 copies of a bulletin would be needed if copies were free of charge, only 1500 if the cost was 20 Swiss francs each per year, and there would be little interest in a higher priced publication.

19. Presentation of Awards (Continued)

c. Presentation of the Schwidefsky Medal:

First Vice-President Torlegård announced that Dr. James B. Case (USA) and Professor Arthur P. Cracknell were selected to receive Schwidefsky Medals. Prof. Cracknell and Dr. Tina Cary (for Dr. Case) were presented the medals by Prof. Franz K. List (Germany).

d. Presentation of CATCON Awards:

President Murai announced that the winners of the first ISPRS Software Contest for Computer Assisted Teaching (CATCON) were:

- Gold Award - J. Höhle (Denmark)
- Silver Award - Nguyen Dinh Duong (Vietnam)
- Bronze Award - Gong Jianya (China)

President Murai, Commission VI President Li Deren and Working Group VI/2 Chairperson Kohei Cho presented the winners with substantial cash awards and prizes.

e. Presentation of Cosmonaut Diploma

Russian delegate Alexander Drazhnuk presented the Honorary Cosmonaut Diploma to Secretary General Fritz.

The Chilean delegation presented an award to President Murai.

35. Report on Inter-organisational Relations

Secretary General Fritz summarised the relationships which ISPRS has maintained with United Nations bodies (OOSA, DSMS, UNESCO, ECOSOC and DPI); the co-operative activities with international societies (IUSM, SPIE, AM/FM Asia, ERIM, IGARSS, IAPR-TC7, and the ISB); and involvement with UN related international organisations (CIPA, ICSU, UATI/ICET, ISSC and ISO TC's 20, 42, 172 and 211).

36. Report of Financial Commission

Financial Commission Chairman Atkinson presented the Commission's report for the 1992-1996 period.

37. Decision on Unit of Subscription

Treasurer Trinder presented a number of reasons for increasing the unit of subscription from 90 Swiss francs (Swf) to 100 Swf. The increase in Member subscription by category would result as follows:

Category	Subscription fee in Swf
1	100
2	200
3	600
4	1,000
5	1,600
6	2,400
7	3,200
8	4,800

By a show of hands, the increase in unit of subscription was approved with Algeria voting against and Bulgaria abstaining.

Council announced that there will be a new schedule of Sustaining Member subscriptions to reflect an increase of approximately 10 per cent.

38. Approval of Resolutions

First Vice-President Torlegård presented a total of four General Resolutions and 41 Technical Commission Resolutions for consideration and approval by the General Assembly. The Resolutions Committee was chaired by K. Torlegård (Sweden) and its members were Isabelle Veillet (France), H.-P. Bähr (Germany) and K. B. Atkinson (UK). In working with the Commissions to prepare the Resolutions, the Committee emphasised that Resolutions are not necessary to cover activities which are adequately covered by the Commission Terms of Reference in the Bylaws.

After review and discussion, all resolutions were approved, but the following matters may be noted.

- (a) Resolution I.6 on Microwave Sensors may result in the establishment of an Inter-Commission Working Group.
- (b) The Netherlands suggested an Inter-Commission WG III/VII on multispectral imagery.
- (c) General Resolution G.4 on Congress Schedules was approved with Argentina, Italy, South Africa and Sri Lanka voting against.
- (d) Australia questioned the absence of some resolutions which had been submitted to the President of Commission VII.

The United Kingdom delegate suggested that it would be particularly useful if shifts in emphasis and new developments, marked by specific resolutions, could be

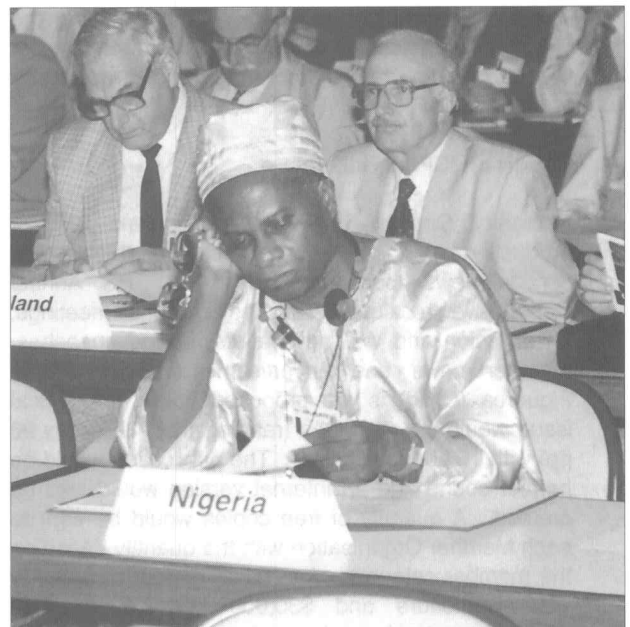
highlighted for the benefit of delegates. President Murai appreciated the suggestion which he said should be taken into account at the 2000 Congress.

39. Other Business (Continued)

President Murai thanked Congress Director Kraus and congratulated him on the success of the XVIIIth Congress.

40. Close of General Assembly

President Murai expressed his appreciation for the co-operation of the delegates in the work of the General Assembly. He remarked upon the democratic attitude which had informed their deliberations and thanked the delegates for their constructive participation in the General Assembly.



REPORT OF THE PRESIDENT

SHUNJI MURAI

President ISPRS, 1992-1996

Vienna, Austria, 12 July 1996

INTRODUCTION

According to the Bylaw XI, 5, the President of the Society shall

- 1) Convene and preside over the plenary sessions of Congress, the General Assembly and the Council,
- 2) Co-ordinate the activities of the Technical Commissions and Working Groups,
- 3) Represent the Society with national or international institutions or organisations of interest,
- 4) Co-operate with other international organisations,
- 5) Communicate to the Members.

I have set up the following targets in order to achieve the tasks as the President.

- 1) To form a good team of the Council by following ISPRS tradition of democracy and openness,
- 2) To play a leadership role in the Council in the challenge to restructure the Society to meet the requirements of the future,
- 3) To open the Society to any persons and organisations who wish to join the activities of the Society,
- 4) To activate the Technical Commissions and Working Groups
- 5) To provide the Members with more information about the activity of the Society as well as the technical progress
- 6) To communicate with other international organisations in the related fields.

1. COUNCIL

The first Council Meeting (CM) was held during the Washington Congress in 1992, when the Council exchanged the basic goals and strategies as well as the main roles of each Council Member. A preliminary Joint Meeting of Council and Technical Commission Presidents (JM) was also held during the Washington Congress when I requested all Technical Commission Presidents (TCPs) to set up their working groups according to the resolutions approved by the Washington Congress.

The following CMs and JMs were officially held since the Washington Congress:

1992:

16-17 October, JM Stresa, Italy

18 October, CM Stresa, Italy

The achievements of the Washington Congress were reviewed. The proposals to set up the Working Groups with terms of reference were discussed, partially modified and confirmed by the Council. The Ad-hoc Committee on E-mail was set up.

The schedule of the Vienna Congress was confirmed.

1993:

2-4 May, JM Bonn, Germany

4-6 May, CM Bonn, Germany

The Working Groups were set up with the chairperson and terms of reference though a few WGs were not yet finalised. The schedules of the intercongress symposium to be organised in 1994 by TCPs were adjusted.

The Council started to review the Statutes and Bylaws, and all guidelines in order to restructure the Society. Ad-hoc Committee on ISPRS Official Journal was set up. The basic plan of Vienna Congress was approved.

25-26 October, CM Bangkok, Thailand

The Activities of technical commissions and working groups were reviewed. International relation were also discussed. The main frame of the next Congress was approved.

1994:

27-28 February, CM Melbourne, Australia

This was an extra Council Meeting held during Commission V Symposium, in which minor business and urgent matters were discussed and co-ordinated.

5 June, CM Ottawa, Canada

This was an extra Council Meeting held during Commission II Symposium, where the agenda and schedule of the next CM and JM were confirmed.

The amendment of Statutes & Bylaws in terms of associate membership was discussed.

9-10 October, JM Beijing, China

14-15 October, CM Beijing, China

The achievements of all seven inter-congress symposia as well as the activities of the Working Groups were reviewed. Some suggestions to improve the activities were proposed by the Council.

The number of technical sessions to be allocated at the Vienna Congress was proposed by the Congress Director. Arguments about the amendment of Statutes & Bylaws were intensively made among the Council. The goals and strategies were accepted by the Council. The status of ISPRS Official Journal was reviewed in order to increase the number of subscribers and to improve the quality.

1995:

7 and 10 June, CM Vienna, Austria
8 - 9 June, JM, Vienna, Austria

The plans of the next Congress were confirmed. The Congress facilities were also checked. The allocation of technical sessions to Technical Commission was adjusted and accepted by TCPs. The draft of the amendment of Statutes and Bylaws were basically agreed among the Council.

1996:

15-17 January, JM Bali, Indonesia
18-19 January, CM Bali, Indonesia

The final plan of the Vienna Congress was confirmed with all technical and special sessions. All details of the agenda and items to be discussed at General Assembly were confirmed by the Council.

6-8 July, CM Baden, Austria
8 July, JM Vienna, Austria

The details of the Vienna Congress arrangement were confirmed.

2. TECHNICAL COMMISSIONS

It has been my privilege to attend all seven technical commission symposia:

1-4 March, 1994 Commission V in Melbourne, Australia
"Close Range Techniques and Machine Vision"

31 May - 3 June, 1994 Commission IV in Athens, Georgia, USA
"Mapping and GIS"

6-10 June, 1994 Commission II, in Ottawa, Canada
"Systems for Data Processing, Analysis and Representation"

5-9 September, 1994 Commission III in Munich, Germany
"Spatial Information from Digital Photogrammetry and Computer Vision"

12-16 September, 1994 Commission I in Como, Italy
"Primary Data Acquisition and Evaluation"

26-30 September, 1994 Commission VII in Rio de Janeiro, Brazil
"ECO-RIO '94"

10-13 October, 1994 Commission VI in Beijing, China
"Facing the Chance and Challenge"

I learned a great deal about the technical progress in ISPRS, particularly several exciting high technologies during these symposia.

Several highlights of the technical progress include the commercialisation of very high resolution satellite images, SAR interferometry, integrated system of GPS and INS, laser scanner, image understanding to extract spatial information from images, mobile mapping system, global GIS and so on.

These topics were also presented at many Working Group workshops and seminars.

I thank all TCPs and WG chairpersons for their untiring efforts.

3. REPRESENTATION OF THE SOCIETY

I attended the following meetings representing the ISPRS as the President since the Washington Congress.

1992:

October, The 13th Asian Conference on Remote Sensing, Ulan Bator, Mongolia

October, China-Japan Optical Engineering Symposium, Beijing, China

1993:

February, UNCRD Workshop on Flood Prevention, Dhaka, Bangladesh

April, International Symposium on Operationalisation of Remote Sensing, Enschede, The Netherlands

May, The 16th ICA Conference, Cologne, Germany

May, IUSM Executive Meeting, Cologne, Germany

June, UN COPUOS, New York, USA

June, Joint Seminar on Remote Sensing and GPS, Jakarta, Indonesia

June/July, The South East Asian Regional Conference on Education and Research in Remote Sensing, Johor Baharu, Malaysia

August, The 3rd International Workshop on GIS, Beijing, China

August, International Symposium on Remote Sensing in Arid and Semi-Arid Regions, Langzhou, China

September, The 2nd Regional Seminar on Tropical Ecosystem, Kuching, Malaysia

October, The 14th Asian Conference on Remote Sensing, Teheran, Iran

November, IDNDR (International Decade for Natural Disaster Reduction) Conference, Chiba, Japan

November, Workshop at UN/ICIMOD, Kathmandu, Nepal

November, Information and Telecommunication Symposium, Bangkok, Thailand

1994:

January, Global Research Network Workshop, Bangkok, Thailand

March, IGBP/START Workshop on Land Cover Change, Chiang Mai, Thailand

March, GIS/LIS, AM/FM and Spatial Analysis Conference, Hong Kong

May, The 20th Anniversary of Japan Association on Remote Sensing, Tokyo, Japan

June, IBM Sponsored GIS Seminar, Amagi, Japan

June, Thai Computer Aided Technology (TCAT) 94, Bangkok, Thailand

July, Japan Society of Photogrammetry and Remote Sensing, North Branch Convention, Kanazawa, Japan

August, IGBP LUCC Workshop, Bangkok, Thailand

August, International Symposium on Global Change in Asia and Pacific, Beijing, China

August, The 3rd Regional Seminar on Tropical Ecosystem, Bali, Indonesia

October, LIESMAS Symposium on Integration, Automation and Intelligence in Photogrammetry and Remote Sensing, Wuhan, China

October, UN/ESCAP Committee on Environment and Sustainable Development, Bangkok, Thailand

November, The 8th TOYOTA Conference, Mikabi, Japan

November, The 15th Asian Conference on Remote Sensing, Bangalore, India

November, UN/ESCAP Workshop, Bangalore, India

November, Workshop on Advances in Photogrammetry and Cartography for Mapping, Madras, India

December, EURISY Colloquium on Earth Observation by Satellite, Vienna, Austria

December, Annual Convention of China Taipei Society for Photogrammetry and Remote Sensing, Taipei, China Taipei

1995:

February, International Seminar on Tropical Forest Change by El Niño, Kanchanaburi, Thailand

February, Workshop on Operational Application of Remote Sensing and GIS, Bangkok, Thailand

March, Workshop on UN/ESCAP Earth Space Information Network in Asia and Pacific (ESINAP), Bangkok, Thailand

March, GEWEX Seminar on Asia Monsoon Experiment, Pattaya, Thailand

March, NASDA Sponsored Workshop on Standardisation, Hakone, Japan

March, ISPRS Inter-commission Workshop on From Pixels to Sequences, Zurich, Switzerland

April, Workshop on the Application of Remote Sensing and GIS for Natural Resources Management, Vientiane, Laos

April, LANDSAT Ground Station Operation Working Group, Phuket, Thailand

May, United Nations University Global Environmental Forum IV, Osaka, Japan

June, International Seminar on Space Informatics for Sustainable Development, Ulan Bator, Mongolia

July, Workshop on Remote Sensing and GIS for Natural Resources Survey, Bangkok, Thailand

August, GIS, AM/FM ASIA•95, Bangkok, Thailand

September, The 4th Regional Seminar on Tropical Ecosystem, Subic, Philippines

November, The 16th Asian Conference on Remote Sensing, Nakhon Ratchasima, Thailand

1996:

February, International Space University Symposium, Strasbourg, France

April, CPGIS-CIESIN Workshop, Saginow, USA

June, Workshop on GPS, Bangkok, Thailand

4. COOPERATION WITH OTHER INTERNATIONAL ORGANIZATIONS

The following international organisations are related to the activity of ISPRS for information exchange.

- IUSM; membership
- CIPA; membership
- ICSU; associate membership
- UNESCO; registered as NGO
- COPUOS; observer as NGO
- ISO; observer as NGO (membership from active persons of ISPRS)
- UNITA; observer as NGO
- SPIE; co-organiser of joint symposium
- AARS; regional member of ISPRS
- OEEPE; regional member of ISPRS
- EARSeL; regional member of ISPRS
- SELPER; regional member of ISPRS

5. COMMUNICATION WITH MEMBERS

1) Annual Report

The Council decided to foster better communication by providing the ISPRS members periodically with current information through Annual Report that has been newly published under editorship of Lawrence W. Fritz, Secretary General in co-operation of Council, TCPs and WG chairpersons.

The motivation come from the review of ISPRS Official Journal which revealed that it was an inappropriate medium for communicating between ISPRS officers and the members, because of its publication policy requiring peer reviewed papers and the price polity of the publisher.

2) The Minutes of Council Meeting and Joint Meeting with TCPs

All minutes were mailed to ISPRS members through the Secretary General.

3) Other Document Service

Silver book (Introduction of ISPRS), Member List and ISPRS folder were mailed to all members through the Secretary General.

4) Visit to Member Organisations

I visited the following member organisation or met the representatives from the member organisations during four years.

-Australia, Austria, Azerbaijan, Brazil, Canada, China, China Taipei, Egypt, France, Germany, Greece, Hong Kong, India, Indonesia, Iran, Italy, Japan, Malaysia,

Mongolia, Nepal, Netherlands, Philippines, South Africa, Sri Lanka, Sweden, Switzerland, Thailand, United Kingdom, United States and Vietnam.

I also visited non-member countries including Bangladesh, Laos and Singapore to suggest that they join ISPRS membership.

6. SELECTION OF ISPRS AWARDS

I served as a jury for the following ISPRS Awards.

- 1) The Brock Gold Medal Award
- 2) The Otto von Gruber Award
- 3) The Samuel Gamble Award
- 4) The Schwedfsky Medal
- 5) The Schermerhorn Medal
- 6) The Eduard Doležal Award
- 7) The Young Author's Award
- 8) Honorary Mention

7. ACKNOWLEDGEMENT OF SUPPORT

The activities as described cannot be funded by ISPRS funds alone. I was financially supported by the Japan Society of Photogrammetry and Remote Sensing (JSPRS), Murai Laboratory Institute of Industrial Science, University of Tokyo, and Asian Institute of Technology (AIT). My total expenditures as the President have been as follows:

Travel on ISPRS Business	30,108	Sfr
Postage	1,088	Sfr
Fax	4,706	Sfr
Support to Bangkok Council Meeting	3,529	Sfr
Support to Bali Council Meeting	9,412	Sfr
Secretariat Work	14,118	Sfr
Office Supplies	1,553	Sfr
Total	64,514	Sfr

The break down of the above expenditures was as follows.

ISPRS Fund	24,608	(38.1%)
JSPRS	18,141	(28.1%)
Murai Laboratory	12,941	(20.1%)
AIT	8,824	(13.7%)
Total	64,514	(100%)

Remark: 1 Sfr corresponds to 85 Japanese Yen

8. CONCLUSIONS

On behalf of the Council, I am proud to be able to conclude the achievements of the Council:

- 1) The Council has accomplished the tasks specified by the Statutes & Bylaws, the resolutions adopted at Washington Congress and the Council Meetings as well as the Joint Meetings with TCPs.
- 2) The activities of Technical Commissions and the Working Groups were significantly better than they were in the past. There are were very few inactive working groups.
- 3) Communications with the members have been also improved through the publication of Annual Report.
- 4) Relations with other international organisations have been maintained mainly by the Council, TCPs and other individual active scientists under the ISPRS's umbrella.

Finally I thank all Council, Technical Commission Presidents, Working Group Chairpersons and other colleagues for supporting my tasks as the president in the past four years.



**REPORT OF THE SECRETARY GENERAL
LAWRENCE W. FRITZ
Secretary General ISPRS, 1992-1996
Austria, Vienna, 1996**

It is my duty and pleasure to report to you about the activities of the office of Secretary General since the Washington Congress. The prime responsibility of the Secretary General is communication. In this role the Secretary General must communicate with all Members, ISPRS officials as well as with officials of the international scientific and technologic community. Officially the Secretary General is responsible for preparation and distribution of all General Assembly and Council meeting agenda; preparation and distribution of minutes of these meetings; collation and distribution of reports from the Technical Commissions; co-ordination of all matters concerning Society publications; and, implementation of General Assembly decisions including maintenance of Society records, Member credentials and voting rights. These tasks have been taken seriously and hopefully performed to your satisfaction during my 1992-1996 term of office. I will present you now with a summary report on the extent of these activities.

CORRESPONDENCE

Reflecting on the past four years I feel that I have had a unique opportunity to interact with each of you and your organisation personally. In addition to the hundreds of phone calls each year, over 4,100 fax messages have been sent or received, and over 1,375 letters of official correspondence have been sent. This correspondence includes circular letters sent to all Members as well as numerous documents sent to groups of individuals such as Commission Presidents, Sustaining Members, etc. These letters have been sent by airmail, fax, express mail, and even some by E-mail (which has pleased some of my more progressive Council colleagues!) The sum total of mailings alone is over 16,000 pieces which on the average could have cost the Society at least 90,000 SFr if I had not been fortunate to have had a government benefactor and the support of my employer, the Lockheed Martin Corporation.

It is at this point that I must apologise to you for the multiple changes in the address of ISPRS Headquarters; from General Electric Aerospace to Martin Marietta Corp. to Lockheed Martin Corporation. I hope that these unforeseen address changes have not caused you many difficulties and I appreciate your tolerance. The rumour that I cannot keep a job is not true, in reality we have found that my company cannot keep a name.

MEMBER STATUS

A major strength of our Society is our willingness and capability to adapt to change. This strength is reflected by the continual growth of our Membership on all continents. This growth coupled with prudent fiscal management by Council maintains our Society in a favourable financial position. A listing of all our Ordinary, Regional, Sustaining

and Honorary Members and the ISPRS Officers has been compiled and published annually in the **ISPRS Member Listing** (Blue Book) by the Secretary General.

ORDINARY MEMBERS

We had 94 Ordinary Members in ISPRS at the conclusion of the Washington Congress. Since then our Bophuthatswana Member has become part of the South African Society; the Czechoslovakia Society has formed separate Czech Republic and Slovakia Societies; and we have applications pending for Ordinary Membership from Croatia, Ghana, Lebanon and Namibia, which will swell our Ordinary Membership to 98 countries.

Since 1992, four of our members have increased their Ordinary Membership categories: Egypt from 1 to 2; India from 1 to 8; Italy from 5 to 6; and Ukraine from 1 to 3. We applaud these positive actions. The 98 members now have an aggregate total of 248 votes.

On less positive notes, Estonia has requested withdrawal due to lack of funds; 12% of Ordinary Member annual Membership contributions are in arrears; and, despite the multiple mailings of Council Meeting minutes, vote ballots, Annual Reports, etc. sent annually to all members plus separate letters of inquiry sent by both the Secretary General and Treasurer, some Ordinary Members have been non-responsive.

Several Ordinary Members have changed their name and/or organisational representation to more fully represent the **whole** community of photogrammetry, remote sensing and GIS specialists of their country. The most notable changes are listed in Table 1 with bold letters indicating the change significance.

The inclusion of Associate Members, which our General Assembly will address here should further the ISPRS objective of whole community representation in their nations. In anticipation of approval (having received no negative responses to-date) several unrepresented national remote sensing and/or GIS organisations have been invited to Vienna. Organisations in Thailand, Iran, Korea and Italy have applied for Associate Membership.

REGIONAL MEMBERS

In October 1994 and in April 1995, the General Assembly approved by mail ballot Regional Membership for The African Society for Remote Sensing of the Environment (AARSE) and the Pan American Institute of Geography and History (PAIGH). These two active organisations represent many non-ISPRS nations. AARSE includes 16 countries which otherwise are not represented in ISPRS. Similarly, PAIGH includes 10 non-ISPRS countries. We now have seven Regional Members which in conjunction with our Ordinary Members gives ISPRS representation of approximately 97% of Earth's land mass! (excluding Antarctica)

SUSTAINING MEMBERS

Another bright note is the 40% increase in Sustaining Membership. The General Assembly approved by mail ballot an increase from two to four Sustaining Member categories, effective in FY 1993. We now have 33

Sustaining Members. At its October 1993 meeting, Council initiated a drive for new Sustaining Memberships which was very capably and successfully led by Treasurer John Trinder. Table 2 lists the 19 new Sustaining Members which have joined ISPRS since the Washington Congress.

TABLE 1.
Significant Name Changes of Ordinary Members

Australia	- Remote Sensing and Photogrammetry Association of Australasia Ltd
Austria	- Österreichische Gesellschaft für Vermessung und Geoinformation
Azerbaijan	- National Committee for Photogrammetry, Remote Sensing and Geoinformatics
Belarus	- Ministry of Architecture and Construction
Colombia	- Sociedad Colombiana de Percepcion Remota y Sistemas de Información Geográfica
Côte d'Ivoire	- Comité National de Télédétection et d'Information Géographique
Egypt	- Egyptian Committee of Surveying and Mapping
Greece	- Hellenic Society for Photogrammetry and Remote Sensing
India	- Indian Society of Remote Sensing
Ireland	- Irish Society of Surveying, Photogrammetry and Remote Sensing
Israel	- The Israeli Society of Photogrammetry and Remote Sensing
Mongolia	- National Society for Photogrammetry and Remote Sensing
Morocco	- L'Administration de la Conservation Foncière du Cadastre et de la Cartographie
Netherlands	- Society for Earth Observation and Geo- Informatics
Philippines	- Society of Photogrammetry and Remote Sensing
Qatar	- Centre for Geographic Information Systems
Ukraine	- National Society of Photogrammetrie and Remote Sensing
Zaire	- Agence Nationale de Metrologie et de Télédétection par Satellite

TABLE 2.
New Sustaining Members

MEMBER	COUNTRY	MEMBERSHIP
		DATE
Aero Ashai Corporation	Japan	Oct 92
SCOT Conseil	France	Oct 92
Shin Gijutsu Consultant Co., Ltd.	Japan	Nov 92
Eurimage	Italy	Jul 93
National Remote Sensing Agency	India	Sep 93
Adam Technology	Australia	Feb 94
INPHO GmbH	Germany	Feb 94
Hunting Aerofilms Limited	United Kingdom	Feb 94
SPOT Image	France	Mar 94
Kampsax Geoplan	Denmark	Jun 94
Geocarto International Centre	Hong Kong	Sep 94
Eastman Kodak Co.	USA	Jan 95
Aerial	France	Jan 95
Autometric Incorporated	USA	Feb 95
Lockheed Martin Corporation	USA	Mar 95
Space Imaging Inc.	USA	Jun 95
Interbranch Assoc. "SOVIFORMSPUTNIK"	Russia	Aug 95
Saab Survey Systems	Sweden	Dec 95
EarthWatch Inc.	USA	May 96

PUBLICATIONS

The publications listed in Table 3 were prepared, published and distributed by the Secretary General. A carryover responsibility from my previous position as Congress

Director was the compilation, editing and camera ready preparation of the **Archives A** hardcover volume from the Washington Congress. It was published and distributed by the American Society for Photogrammetry and Remote Sensing.

I must admit that these publication tasks take an enormous amount of effort and time to produce on an annual basis. When Council decided at its May 1993 meeting in Bonn that the **ISPRS Annual Report** should be produced, it became readily apparent that full co-operation of the Commission Presidents, their Working Groups and Council would be essential. I am pleased to report that the co-operation has been outstanding in the production of our first three publications. It is my hope that the **Annual Report** will continue to inform the world of the research, advancements and applications of the sciences and technologies being developed by our Members.

During this term, Council approved Guidelines to enable qualified publications from Commission events to be published within the series of **The International Archives of Photogrammetry and Remote Sensing**. Three **Archives** have been produced to date under **Volume XXX: "From Pixels to Sequences", Part 5W1** by WG's I/3, V/2 and Inter-Commission WG V/III; **"Global Databases", Part 4W1** by WG IV/6; and **"Applications of GIS Data", Part 4W2** by WG IV/1. Experience in producing these **Archives** has enabled us to improve the future quality of **Archives** by incorporating "lessons learned" modifications to our Guidelines.

In October 1993, a contract was signed with RICS Publishers to provide a common source for exclusive post-event sales of all new **ISPRS Archives**. This change of paradigm for ISPRS sales has been met. However, there have been some difficulties due primarily to the timing of the contract, having been signed after two Commissions had made prior arrangements for their mid-term Symposia. The contract has been welcomed by most Commissions because it provides them relief from storage, publicity and post Symposium sales responsibilities while still allowing for sale revenues to continue.

Beginning in 1993, arrangements with Elsevier Publishers were made to send two year complimentary subscriptions (1994 and 1995) of the **ISPRS Journal** to all 94 Ordinary Members, to new Sustaining Members and 20 Working Group officers. This was an effort by Council to increase subscriptions to this peer reviewed **Journal** and to provide its exposure of our science and technology to a broader market. This effort was made, but the results were unsuccessful for a variety of reasons, foremost being the **Journal's** very high subscription cost and Elsevier's unwillingness to lower subscriber costs even if the number of subscriptions were to double. Consequently and concurrently, Council has decided that to communicate to Society membership the ever increasing volume of ISPRS news, annual reports, event calendars, meeting reports, Working Group newsletters, etc. the Society will establish a Home Page on the World Wide Web and will initiate the publication of an ISPRS News Bulletin. A webmaster is now under contract and negotiations by the Secretary General with a Bulletin Editor are currently underway. Council anticipates a significant savings in Society postage expenses by increasing communications with Members by E-mail and the ISPRS Home Page. Hopefully all ISPRS Bulletin subscriptions will eventually migrate totally to this media.

COUNCIL MEETINGS

Eight official meetings of Council were convened between the Washington and Vienna Congresses. (See Table 3 Minutes.) Council is very grateful for the excellent hospitality including accommodations provided by the Ordinary Member hosts for these meetings, specifically; Italy, Germany, Thailand supported by the Japan Society, Canada, China, Austria twice, and Indonesia (with support by the Japan Society). Council also expresses its appreciation for the complimentary accommodations and amenities provided by Ordinary Member hosts of the Symposia as noted by ** in Table 4. This generous hospitality has helped maintain the positive financial health of our Society.

The Secretary General prepared the agenda and wrote the minutes of all eight formal meetings of Council, plus participated in several additional Council meetings which were held in conjunction with the Commission Symposia. In support of these meetings the Secretary General maintained and widely distributed several documents, the most notable of which are: the ISPRS Events Calendar of future international meetings of interest to Society members; the listing of Availability of **ISPRS Archives**; and the address listing of professional journals and publications relevant to Society interests.

The Council devoted many hours to review and enhance the workings of the Society. These efforts have culminated in many proposed modifications to the Statutes and Bylaws, the update of the seven existing Guidelines, and development of three new Guidelines for: a) Preparation of Reports on All ISPRS Conferences; b) Publication of the **Archives**; and c) Financial Support for New Initiatives. A status listing of all ISPRS Guidelines is given in Table 5.

Since Council can normally meet only one or two times each year, a Checklist of 306 Council Action Items/Tasks is maintained by the Secretary General as an interim reminder. This list briefly summarises the Task and/or Action, a reference to its origin, completion due date, and communication from/to names. The Action Items are generated by discussions at the Council meetings and total 206 for the August 1992 to July 1996 term of office. The Tasks are 100 standing requirements outlined in the Statutes and Bylaws for completion by specific Council members. It is my pleasure to report that Council has been very diligent and will complete this term with less than five items left uncompleted.

HEADQUARTERS MANAGEMENT

For the first time, Society records and Headquarters functions have been digitally preserved. This effort will assist in the continuity of office, will preserve files, and will support automated document generation. All publications and documents prepared and distributed by the Secretary General as listed in Table 3; all Society correspondence; all Statutes, Bylaws, Guidelines, Awards; and the Chronology of ISPRS Officers have been preserved in word processing format on 3 1/2 inch diskettes. All are recorded in English,

with several in French and German.

It is becoming apparent that Society Headquarters activities are in need of some permanent clerical support to maintain routine mailing, filing and routing functions. Council will continue to explore innovative economical means for establishing an arrangement. It should be recognised that a permanent location for headquarters will raise Society expenses by a magnitude!

INTERNATIONAL ACTIVITIES OF SECRETARY GENERAL

The Secretary General has travelled overseas 24 times during his four year term on ISPRS business. Five trips have been to Commission Symposia, six to Council meetings, and the remainder for ISPRS meetings and presentations to Ordinary Member organisations (16), sister societies (ICA, FIG, IUGG, IUSM) and to international organisations of which ISPRS is a member. I have had the pleasure to meet with the Presidents of 18 of our Ordinary and Regional Members on their home soil, and have met with several more at international events.

On behalf of ISPRS, I have delivered speeches, given technical presentations and held discussions at meetings of UATI, COPUOS, ISO, UN/DPI, UN/DTCD, UNESCO, ISSC, and at several international conferences. In addition, I have participated in innumerable meetings and conferences held in the USA.

ACKNOWLEDGEMENTS

The tasks undertaken could not have been successfully accomplished without the financial and secretarial support of my employer, Lockheed Martin Corp., the abiding positive emotional support of my wife, and the precious time that they both have unselfishly provided me.

I extend appreciation to all ISPRS Members who have provided timely responses to Society requests. And I express thanks to the ISPRS officers and Council who have provided assistance, timely reports, and encouragement to get the job done properly.

Expenses submitted by the Secretary General for Society Headquarters activities have been 86,000 SFr (\$64,269 US) for the four year term. Without the generous support for publications, phone/fax, mailing, travel, secretarial services, etc. of my employer coupled with frugal management, a conservative estimate of Headquarters expenses exceeds 250,000 SFr, not including salaries.

TABLE 3.
1992-1996 ISPRS Publications Prepared and Distributed by Secretary General

PUBLICATION/DOCUMENT	DATE ISSUED	COPIES DISTRIB.	LENGTH
ISPRS Organisation & Programs 1992 - 1996 (Silver Book)	Apr. 1993	700	124 pp
ISPRS Brochure (trifold)	Sep. 1993	12,000	6 cols
ISPRS Members List 1993 (Blue Book)	Jan. 1993	414	42 pp
ISPRS Members List 1994 (Blue Book)	Jan. 1994	434	46 pp
ISPRS Members List 1995 (Blue Book)	Feb. 1995	439	48 pp
ISPRS Members List 1996 (Blue Book)	Jan. 1996	474	52 pp
International Archives of P & RS, Vol. XXIX, Part. A	Jul. 1994	760	400 pp
1993 ISPRS Annual Report	Apr. 1994	484	76 pp
1994 ISPRS Annual Report	Feb. 1995	771	80 pp
1995 ISPRS Annual Report	Mar. 1996	1,012	68 pp
Minutes: Council & Tech. Comm. Presidents - Stresa	Dec. 1992	155	27 pp
Minutes: Council & Tech. Comm. Presidents - Bonn	May. 1993	147	54 pp
Council Meeting Minutes - Bangkok	Nov. 1993	153	36 pp
Council Meeting Minutes - Ottawa	Jun. 1994	155	56 pp
Minutes: Council & Tech. Comm. Presidents - Beijing	Oct. 1994	157	66 pp
Minutes: Council & Tech. Comm. Presidents - Vienna	Jul. 1995	161	81 pp
Minutes: Council & Tech. Comm. Presidents - Bali	Mar. 1996	160	49 pp
Council Meeting Minutes - Baden	Jul. 1996	?	?

TABLE 4. Mid-Term Symposia Held in 1994

DATE	VENUE	COMMISSION - THEME	# REGISTRANTS	# PAPERS
1 - 4 Mar.	Melbourne, Australia	Comm. V - "Close-Range Techniques and Machine Vision"	140	73
31 May - 3 Jun.	Athens, USA	Comm. IV - "Mapping and Geographic Information Systems"	194	147
6 - 10 Jun.	Ottawa, Canada	Comm. II - "Systems for Data Processing, Analysis and Representation"	325	90
5 - 9 Sep.	Munich, Germany	Comm. III - "Spatial Information from Digital Photogrammetry and Computer Vision"	271	140
12 - 16 Sep.	Como, Italy	Comm. I - "Primary Data Acquisition and Evaluation"	82	45
26 - 30 Sep.	Rio de Janeiro, Brazil	Comm. VII - "Eco Rio '94 - Resource and Environmental Monitoring"	350	150
10 - 13 Oct.	Beijing, China	Comm. VI - "Facing the Chance and Challenge"	80	39

Total number of registrants = 1,442
 Total number of presented papers = 684

TABLE 5. ISPRS Guidelines

GUIDELINE VERSION	DATE OF CURRENT
Guidelines for Members of the Council	27 Feb 1996 (E)
Guidelines for Members Planning to Host an ISPRS Congress	26 Feb 1996 (E)
Guidelines for Hosting a Technical Commission	27 Mar 1996 (E)
Guidelines for Conducting a Working Group	27 Feb 1996 (E)
Terms of Reference for Sustaining Members	Feb 1993 (E)
International Archives of P & RS Guidelines for Authors	23 Aug 1993 (E,F,G)
Guidelines for Preparation of National Reports	Jul 1995 (E)
Guidelines for Publication of the Int'l Archives of P & RS	26 Feb 1996 (E)
Guidelines for Support of New ISPRS Initiatives	Mar 1996 (E)
Guidelines for Preparation of Reports on All ISPRS Sponsored/Supported Conferences and Meetings	26 Feb 1996 (E)



Sektionschef Dr. Roaul Kneucker of the Federal Ministry of Science, Transport and Arts, and the Rector of the University of Technology Vienna



*First row: Professor Karl Neumaier (Austria), Mrs. Kraus (Austria), Mrs. Konecny (Germany) and Fred Doyle (USA)
Second row: Armin Grün (Switzerland), Gottfried Konecny (Germany), John Trinder (Australia)*

EXTRAORDINARY GENERAL ASSEMBLY AT THE VIENNA UNIVERSITY OF TECHNOLOGY

11 July 1996

PROGRAMME

Opening Address by the Rector of the
Vienna University of Technology
Peter Skalicky

Eduard Doležal – A Historic View
Michaela Schlögl, R+A Rost, Vienna

The Idea of the Doležal Award
Karl Kraus

Presentation of the Doležal Awards and Doležal Supports
Raoul Kneuckner
Ministry of Science, Transport and Arts

Appreciation Remarks
Shunji Murai, ISPRS President

Buffet sponsored by
Verband der Freunde der TU Wien
and Creditanstalt

Music performed by the Chamber Ensemble of the
Vienna University of Technology

This extraordinary General Assembly was necessary because a visit of all delegates was due to the University of Technology Vienna, the birthplace of ISPRS. Rector Prof. Dr. **Peter Skalicky** opened the Ceremony and reminded everybody that Prof. Doležal was also rector of this university, in 1908/09, the year prior to the foundation of ISP. The first ISP congress was in 1913, now, in 1996, the extraordinary General Assembly celebrates the returning of the congress by presenting the newly established Doležal Award for the first time.

The next speaker was Dr. **Michaela Schlögl**, whose ancestors were fine mechanics engineers in commercial connection with Prof. Doležal, his institute and other Austrian pioneers of photogrammetry. She presented a historic view of

EDUARD DOLEŽAL

is the name that is always heard in conjunction with Austria's pioneering role in the development of photogrammetry. The Doležal Prizes will be awarded for the first time ever at this year's Photogrammetry Congress. Reason enough to ask ourselves: Who was Eduard Doležal? I would like to start by taking a look at his biography and by briefly introducing you not only to Eduard Doležal the scientist but also to Eduard Doležal the man:

Doležal was born in the Moravian city of Ceske Budejovice (in German: Budweis) the same year as the famous Viennese writer Arthur Schnitzler, namely 1862. The Austrian-Hungarian Monarchy covered a vast territory and

enclosed many different countries and languages. Many scientists and artists who later rose to fame in the capital city of Vienna had their family roots in Hungary, Galicia or - as in the case of Doležal - in Bohemia and Moravia. By the way: A look at today's Vienna telephone directory is a good way to see where the "Viennese" actually come from. In the 1996 directory, for example, there were about 400 entries for Viennese named Doležal!



But let's return to "our" Eduard Doležal. He advanced rapidly in his career. From very humble beginnings, he rose to the pinnacle of his profession in Vienna and was named the president of the Imperial-Royal Polytechnic in Vienna. His biography typifies the fortunes of many in the multinational Habsburg Monarchy in two ways: First of all his Moravian origins and secondly his rise up the social ladder, which was possible and also very common in fin de siècle Austria. In other words, Doležal was a very typical child of the Austrian-Hungarian Monarchy!

As I said, his family was extremely poor. His father was a weaver. After moving from Ceske Budejovice, Moravia, to Vienna, the young Doležal had to earn money as a tutor in order to afford attending the gymnasium and later the Imperial-Royal Polytechnic, the precursor of today's Vienna University of Technology.

The prize bearing his name is being awarded to candidates from developing and former communist countries in Eastern Europe, a fact with which Doležal would have wholeheartedly agreed. You see Doležal was not only a highly qualified scientist, he was also a social activist. He dreamed of an institute which would support technical students returning from the war. The collapse of the monarchy brought an abrupt end to this dream. However,

this was an exception, because Doležal usually achieved the goals he set for himself. And his goals were numerous and diverse ...

Aside from the concern Doležal showed for the progress of his students, he had a broad range of interests in many different fields. He was probably the exact opposite of what we would call a one-track specialist nowadays! His talents were diverse and far-ranging! He disproved the common prejudice that engineers and especially mathematicians have to be unmusical, for he was an excellent violin player and directed the school orchestra. He wrote newspaper articles and was very talented at languages. In his first position as a secondary school teacher in Sarajevo, he was soon instructing his classes in perfect Serbo-Croatian. But his greatest love was a branch of science which was just emerging at the time: photogrammetry.

This new method of "photographic measurement" was well developing in Austria since its early beginnings, with inspiration coming from the work of the French Colonel A. Laussedat. Its first practical application in the Austrian-Hungarian Monarchy came in 1889 when it was used for an avalanche structure project on the Arlberg and for experimental forestry photography in the Ziller Valley.

But what exactly did Doležal do on behalf of the then fledgling science called photogrammetry? Doležal's valuable contributions to the young photogrammetry were three-fold:

He was a teacher, writer, and designer. Many of his photogrammetric designs were built in collaboration with the mathematical-mechanical Rost Institute, among them an image transformer and a phototachymeter.

Another one of Doležal's contributions was indisputably the fact that he convened the first International Photogrammetry Congress in Vienna.

But we are getting ahead of ourselves.

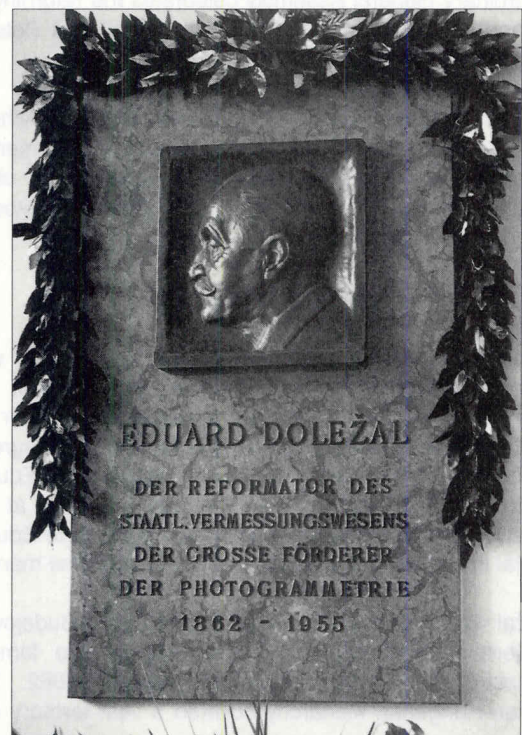
Eduard Doležal's first position was at a technical secondary school in Sarajevo, Bosnia. He held his first lecture there about photogrammetry in 1894 and met with lively interest from engineers and the military. Doležal then expanded this manuscript into his first photogrammetric textbook in which he discussed fundamentals, instruments, the precision of photogrammetric pictures, and the advantages/disadvantages of using topographic photos. What is particularly interesting is that Doležal also predicted - possible future applications for this technology with uncanny accuracy in this first publication. He foresaw the use of photogrammetry for topographic mapping in highly mountainous regions, for plan preparation to aid in the erection of protective structures in wild-water and avalanche areas, for the design of railway routes, for the preservation and care of historic buildings, in archaeology, astronomy, etc. He even predicted the possibility of using aerial photos which could be subjected to photogrammetric analysis. In other words, his prophecies about the future of photogrammetry came very close to describing the photogrammetric measurement methods that would be in fact in use several decades later world-wide.

After a period in Sarajevo, Doležal returned to Vienna where he initially worked as a designing engineer. His next stop was Leoben, where he taught at the Mining Academy. From there, he went on to the high point of his career, his positions as a full professor at the Imperial-Royal Polytechnic in Vienna.

He was awarded numerous honorary doctorates for his valuable contributions to photogrammetry. Despite all this recognition, he remained a modest, unassuming man and even warned others of the dangers of scientific hubris. Doležal spent his final years in the town of Baden, a health resort south of Vienna. After World War II when he was an old man, the Russians came and set up their headquarters in his house. He was forced to live in the former caretaker's room. Even these cramped quarters did not prevent him from carrying out his research and scientific work to the very end.

In May 1955, he had another encounter which impressed him greatly. Then Austrian Chancellor Raab, who had negotiated with the Allies to free Austria from the control of the Occupying Forces, visited the elderly professor at his home in Baden. As the old man lay sick in bed, the Chancellor told of his successful visit to Moscow. As an Austrian patriot, Doležal was certainly happy about the prospects of his country being free. All the same, his extensive international scientific work had made him a true citizen of the world. It was only logical then that he was posthumously honoured by having his name perpetuated on a map of East Greenland consisting of aerial photogrammetric pictures: a chain of mountains on the "Geographic Society Islands" is named "Doležalfjellet" after Professor Doležal.

Vienna, too, has remembered Doležal in its own special way by naming a small street after him in one of the outer districts, namely the Doležalgasse.



THE IDEA OF THE DOLEŽAL AWARD

by Prof. Karl Kraus
Congress Director

Distinguished Guests, Ladies and Gentlemen,

First of all I have to explain why I am wearing a chain. It is not an amendment of the statutes and bylaws that beside the president of the ISPRS the congress director has such a chain, too. But as former rector of the Vienna University of Technology I have the privilege to wear a chain at special events of the Vienna University of Technology. Today we have such a special event.



The previous speaker presented a historical view of Eduard Doležal, the founder of ISPRS. The foundation took place in this building. Please realise and recognise that we are here at the birthplace of ISPRS. In this building also the first congress took place. But Eduard Doležal's keynote was in the entrance hall of the houses of Parliament. In the houses of Parliament was a congress of scientists from medicine and natural sciences at the same time.

In the following I will not continue with historical comments. I will present the idea of the so called Doležal Award. First of all it is advisable to justify the creation of a new award during the ISPRS Congress in Vienna. In the past ISPRS created many awards with famous names. There are the Brock Gold Medal, the Otto von Gruber Award, the Samuel Gamble Award, the Schermerhorn Award and the Schwidewsky Medal. Up to this Vienna Congress we have no award, which was referred to Eduard Doležal, the founder of ISPRS. Therefore it was obvious to create such an award during this Vienna Congress. In accordance with Doležal's sensitivity for social matters and his global interests we dedicated the

Doležal Award to reform countries and developing countries. Let me read a few sentences from the statutes of the Doležal Award, which were accepted by the General Assembly of ISPRS yesterday.

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

- They must have permanently implemented a practical application of photogrammetry, remote sensing or GIS in an efficient manner; or which documents their outstanding success in a field that supports photogrammetry, remote sensing or GIS.
- They must be citizens of a developing or reform country.

The jury consisted of Shunji Murai and Lawrence Fritz from ISPRS, Mr. Jasentuliyana from the United Nations and myself. We got many applications. In total the file has a length of almost 1 meter. Much communication by email, by fax and by conventional mail was necessary. Ms. Neustifter, my secretary, was in the last nine months highly occupied by this interesting work. After the preparation by Ms. Neustifter and myself the jury evaluated the applications very carefully. The result of this procedure is, that we have

- 30 Doležal Awards from 18 different countries
- 32 Doležal Supports from 25 different countries.

Why have we made two different categories? The first category, the Doležal Award, is completely in accordance with the statutes of the Doležal Award. The second category, the Doležal Support, has also the characteristics of the Doležal Award, but more tolerant interpretations of the regulations were made. I will give you some examples:

- 1) The applicant did not observe the deadline of the application.
- 2) The distribution of the original applications among the reform countries and the developing countries was out of balance. Therefore we shifted applications from the Doležal Award to the Doležal Support.
- 3) One applicant can be from a developing country, but his organisation is so highly developed (and has so much money) that there is no significant difference to a similar organisation in a developed country.

Especially with the last example I will explain two different points of view.

One point of view is marked by great necessity of a financial support, or the applicant is the only participant of his country. The second point of view is marked by high ranks of scientists or practitioners in organisations with high reputation.

This second point of view is very important, as we wished to set up a network of groups with the same interest around the globe.

We brought the different interests under one umbrella. This umbrella has the name of Eduard Doležal.

Additional to the Doležal Award we shall confer the so called Doležal Support. For the latter I, in my position as Congress Director, made the decisions by myself. This possibility of ad-hoc decisions was in some cases also very useful. Now it is obvious, that you should not make a

general ranking between Doležal Award and Doležal Support. The ranking depends on the individual point of view and of the circumstances of the application and does not depend on the quality of the work, which is behind the individual application.

The fact, that we can confer now 30 Doležal Awards and 32 Doležal Supports has been made possible by the generosity of the Ministry for Science, Transport and the Arts. The leading persons in this ministry saw the opportunity to bring Eduard Doležal with his ISPRS on the international stage in 1996, the 1000 year anniversary of Austria. Thank you Dr. Kneucker and Dr. Stoklaska. Additional to the financial support from the Ministry for Science, Transport and the Arts we got a considerable financial support from the United Nations. Thank you very much Mr. Jasentuliyana.

The Doležal Award will also be conferred at coming ISPRS congresses. But in the future we will award only one or two participants. The financial support for these coming events will be carried by the Austrian Society for Surveying and Geoinformation.

Now Dr. **Kneucker** will hand over the certificates to the winners of the Doležal Awards and the Doležal Supports.

In the background of these certificates you can see Eduard Doležal's portrait. Rainer Kilga, the Vice-President of the Austrian Federal Office of Metrology and Surveying, made this layout. The frame is derived from the certificate, which was conferred to Eduard Doležal as the Honorary Membership of the Austrian Society for Photogrammetry in 1927. Additional to the certificate the winners will find in their folders a pennant with a logo of the Vienna ISPRS Congress. Our colleagues from Sudan prepared these pennants.

With this short speech I informed you about the idea of the Eduard Doležal Award.

Thank you for your attention.

Dr. Raoul Kneucker of the Austrian Ministry of Science, Transport and Arts, assisted by **Sabine Neustifter**, who did the tremendous amount of preparations for this event, presented the Doležal Awards and Doležal Supports to the winners (see 'Awards'-chapter).

Before the closing **Shunji Murai** thanked the Rector of the Vienna University of Technology for hosting the Extraordinary General Assembly.

