

International Federation of Surveyors
Fédération Internationale des Géomètres
Internationale Vereinigung der Vermessungsingenieure



International Federation of Surveyors

General Assembly

MINUTES AND APPENDICES

15 and 19 June 2008

**Stockholm City Conference Centre (Norra Latin)
Stockholm, Sweden**

INTERNATIONAL FEDERATION OF SURVEYORS

**FIG 31st GENERAL ASSEMBLY
15 and 19 June 2008
Stockholm City Conference Centre, Stockholm, Sweden**

MINUTES

of the meetings held in the Auditorium at the Stockholm City Conference Centre,
Stockholm, Sweden on 15 and 19 June 2008

SUNDAY 15 JUNE

First Session, Sunday 15 June, 09:00-12:00 and 13:30-15:00

1. OPENING PROCEEDINGS

President Stig Enemark opened the 31st General Assembly and welcomed the members and delegates to Stockholm.

A moment of silence was held to appreciate those delegates and active FIG people that had passed away during the past year, especially to respect the memory of Prof. Jean-Marie Becker, FIG Honorary Member from Sweden who passed away in October 2007.

Noted that several greetings and apologies were received from member associations, other members and Honorary Presidents and several Honorary Members who were not able to attend the General Assembly this time. These apologies included especially John Hohol, President of the FIG Foundation who has attended all FIG meetings since 1981.

2. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to the FIG Office at the meeting venue. **Recorded** that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2007 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 15 May 2008.

Appendix to items 2 & 24: Roll Call.

52 member associations out of 99 were present at this session, which is more than one third of the membership needed for the General Assembly to be constitutionally valid. 48 member associations have the right to vote.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

3. APPOINTMENT OF TELLERS

Motion: The General Assembly shall appoint two persons as tellers following the principle adopted at the 22nd General Assembly so that the tellers will represent member associations hosting the preceding (the Hong Kong Institute of Surveyors, HKIS) and the current General Assembly (the Swedish Association of Chartered Surveyors, SLF). That the General Assembly appoints Mr. Hon-Kwong Sung from Hong Kong SAR, China and Dr. Maria Ulfvarson-Östlund from Sweden as a teller for the two sessions of the General Assembly.

Decision: The motion was adopted.

4. ADOPTION OF THE AGENDA

Motion: That the agenda be adopted.

Decision: The motion was adopted.

5. ADOPTION OF THE MINUTES OF THE 30th GENERAL ASSEMBLY

Minutes have been circulated previously.

Appendix to item 5: Minutes of the General Assembly in Hong Kong SAR, China, May 2007, without appendices.

Motion: That the minutes be adopted as recorded.

Decision: The motion was adopted.

6. MEMBERSHIP

6.1 Acceptance of new members

6.1.1 Geodetic Engineers of the Philippines, Inc.

Geodetic Engineers of the Philippines, Inc. has submitted its membership application to become a member association of FIG. The association has 500 qualified members (B.Sc. Geodetic Engineering). The association is constituted by the Philippine Geodetic Engineering Act. The application meets the criteria for membership in FIG as a member association. The Philippines has been a member of FIG earlier from 1994 to 1998. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.1: Membership application from the Geodetic Engineers of the Philippines, Inc.

Motion: That the General Assembly admits the Geodetic Engineers of the Philippines, Inc. to become a member association of FIG.

Decision: The motion was adopted.

6.1.2 Chamber of Graduated Surveyors, Bulgaria

The Chamber of Graduate Surveyors from Bulgaria has submitted an application to become the second member association of FIG from Bulgaria. The association has 347 members (226 qualified and 121 qualifying members). The application is supported by the current member association Union

of Surveyors and Land Managers in Bulgaria. The Council has considered the application and believes that the association meets criteria for membership of FIG as a member association.

Appendix to item 6.1.2:

- Membership application from the Chamber of Graduate Surveyors from Bulgaria
- Letter from the Union of Surveyors and Land Managers in Bulgaria supporting the application

Motion: That the General Assembly admits the Chamber of Graduate Surveyors from Bulgaria to become a member association of FIG.

Decision: The motion was adopted and the FIG President gave Mr. Angel Yanakiev, President of the Chamber of Graduate Surveyors from Bulgaria the membership certificate.

6.1.3 Institution of Surveyors of United Arab Emirates

The Institution of Surveyors of United Arab Emirates has informed that the association has not been formally established. It wants to withdraw its membership in FIG at the same time as the Survey Department, Dubai Municipality joins FIG as an affiliate member.

Motion: That the General Assembly records that the Institution of Surveyors of United Arab Emirates has withdrawn its membership in FIG and that Dubai Municipality has joined FIG as an affiliate member.

Decision: The motion was adopted.

6.2 Other membership issues

Affiliates

The Council has admitted following six organisation to become an affiliate member of FIG:

- National Oceanic and Atmospheric Administration, NOAA, United States Department of Commerce, USA
- Cadastre, Land Registry and Mapping Agency (Kadaster), the Netherlands
- Surveying Department, Dubai Municipality, United Arab Emirates
- National Land Survey of Finland (Maanmittauslaitos, MML), Finland
- National Survey and Cadastre (Kort og Matrikelstyrelse, KMS), Denmark
- National Land Survey of Sweden (Lantmäteriet, LM), Sweden

The Council has restored the affiliate membership of:

- Servicio Hidrográfico y Oceanográfico de la Armada de Chile

The Council has expelled following organisation from the affiliate membership of FIG:

- HMG Survey Department, Nepal

After these changes the number of affiliate members is 25.

The affiliate members from USA, the Netherlands, Finland, Denmark and Sweden were given their membership certificates.

Corporate members

The Council has admitted the following two companies to become a Corporate Member of FIG:

- Derinsu Underwater Engineering Ltd., Turkey, engineering and consulting company (www.derinsu.com), Basic level member (E)
- Al-Mutakamilad Real Estate (Cityplex), Jordan, real estate company (www.cre.com.jo), Regional level member (F).

The Council has restored the membership of Cameroon Engineering S.A. as they have paid their arrears.

The Council has expelled the following corporate member because of unpaid membership fees:

- Remote Sensing Center of Environment Consulting, Saudi Arabia

The number of corporate members is now 34.

Academic members

The Council has decided to adopt following new academic member:

- University of Novi Sad, Faculty of Technical Sciences, Geodesy and Geomatics, Serbia

The Council has decided to expel following academic members because their membership fees are more than two years in arrears:

- Universidad Nacional, Escuela de Topografía, Catastro y Geodesia, Costa Rica
- Institute of Technology Bandung (ITB), Department of Geodetic Engineering, Indonesia
- “Dunarea de Jos” University Galati, Cadastre, Environment Management and Protection, Romania
- North University Baia Mare, Surveying Department, Romania
- Moscow State University of Geodesy and Cartography, Economic and Land Management, Russian Federation
- University of Oriental Republic of Uruguay, Faculty of Engineering, Uruguay

The number of Academic Members is after these changes 80.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted.

7. PRESIDENT’S REPORT

The President has prepared a report on the activities of the President and the Council between the General Assembly in Hong Kong and Stockholm.

Appendix to item 7: President’s report.

Motion: That the General Assembly accepts the President’s written report.

Decision: The motion was adopted.

8. IMPLEMENTATION OF THE COUNCIL WORK PLAN 2007-2010

The Council has prepared a mid-term progress report on implementation of the Council Work Plan for 2007-2010. The report is prepared in the way that it could be used as a standard tool to evaluate implementation of the Work Plan and the Action Plan 2007-2010 that the Council has approved to guide its work.

Appendix to item 8: Mid-term progress report on implementation of the Council Work Plan 2007-2010.

Motion: That the General Assembly adopts the mid-term progress report on the implementation of the Council Work Plan 2007-2010.

Decision: The motion was adopted.

9. COMMISSION REPORTS

Vice President Matt Higgins, Chair of ACCO has prepared a report on the activities of the Advisory Committee of Commission Officers (ACCO) since the General Assembly in Hong Kong. In addition to the written report Vice President Higgins made an oral presentation on behalf of the ACCO focusing on the peer review process to be used at the FIG conferences.

Each Commission Chair has submitted a written report on the Commission activities since the FIG Working Week in Hong Kong SAR, China. These reports include progress reports of the Commission working groups. Each Commission will hold an annual or other meeting during the Working Week in Stockholm.

Appendices to item 9:

9.1 ACCO report

9.2 Commission reports:

- Commission 1
- Commission 2
- Commission 3
- Commission 4
- Commission 5
- Commission 6
- Commission 7
- Commission 8
- Commission 9
- Commission 10

Motion: That the General Assembly adopts the reports of the ACCO and the Commission chairs and records its thanks to the chairs and other officers of the Commissions for their past year's work.

Decision: The motion was adopted.

10. APPOINTMENT OF CHAIRPERSON TO COMMISSION 8 FOR 2008-2010

Mr. Simon Adcock, Chair of Commission 8 has sent a letter of resignation to the Council with effect from 31 January 2008. The Council has taken action to find a candidate to take over the chairmanship of Commission 8 for the remaining period of his term of office 1.2.2008-31.12.2010. As result of these efforts the Council is suggesting that Dr. Diane Dumashie from United Kingdom would be

appointed as the Chair of Commission 8. Dr. Dumashie's nomination is supported by the Royal Institution of Surveyors, RICS. She has served FIG earlier as Chair of Commission 8 from 2002 to 2006.

Appendix to item 10: Curriculum Vitae of Dr. Diane Dumashie.

Motion: That the General Assembly appoints Dr. Diane Dumashie from United Kingdom as the Chair of Commission 8 for the period 1.2.2008-31.12.2010.

Decision: The General Assembly appointed Dr. Diane Dumashie as chair to Commission 8 with acclamation. The General Assembly also recorded its thanks to Mr. Simon Adcock for the services that he has provided to the Federation during many years.

11. REPORTS FROM THE DIRECTORS OF PERMANENT INSTITUTIONS

11.1 International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF

Prof. Paul van der Molen, Director of OICRF has prepared a report on the OICRF activities since the General Assembly in Hong Kong. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.1: Report from the International Office of Cadastre and Land Records (Office International du Cadastre et du Régime Foncier) OICRF.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

11.2 International Institution for the History of Surveying and Measurement, Permanent Institution of FIG

Mr. Jan de Graeve, President of the IIHSM has prepared a report on the IIHSM activities since the General Assembly in Hong Kong. He will make a short subsequent report orally at the General Assembly.

Appendix to item 11.2: Report from the International Institution for the History of Surveying and Measurement, Permanent Institution of FIG.

Motion: That the General Assembly adopts the report and records its thanks to the Director and the members of the permanent institution for their past year's work.

Decision: The motion was adopted.

12. REPORT OF THE PRESIDENT OF THE FIG FOUNDATION

Mr. John Hohol, President of the FIG Foundation has prepared a report on the FIG Foundation activities from May 2007 to April 2008. Vice President Ken Allred made an oral report on behalf of the President of the FIG Foundation to the General Assembly on the recent activities of the FIG Foundation.

Appendix to item 12: Report of the FIG Foundation activities May 2007 – April 2008.

Motion: That the General Assembly adopts the report of the FIG Foundation and records its thanks to the President and members of the Board of Directors of the FIG Foundation for their past year's work.

Decision: The motion was adopted.

13. CO-OPERATION WITH THE UNITED NATIONS AND THE WORLD BANK

As part of the Work Plan 2007-2010 the Council has established the UN Liaison Committee – FIG Responses to the Millennium Development Goals to coordinate co-operation with the United Nations and the World Bank. The Liaison Committee is chaired by the President. A special task of the Liaison Committee is to develop FIG responses to the Millennium Development Goals by organising a joint FIG/World Bank symposium.

The Liaison Committee has prepared a report on the co-operation between FIG and the United Nations including the World Bank since the General Assembly in Hong Kong.

The President made an report to the General Assembly on main issues in the co-operation with the United Nations and the World Bank:

- Preparations for the Joint FIG/World Bank high level symposium in Washington DC, USA in March 2009
- Co-operation with UN-HABITAT (Global Land Tools Network, Seminar in Stockholm in June 2008 and preparations for the 4th World Urban Forum in China P. R., 3-8 November 2008)
- Co-operation with UN FAO: contributions to major FIG events and Commission 7 and 9 events; International Seminar on state and public lands in Verona, Italy 9-10 September 2008
- Participation to the work of the International Committee on Global Navigation Satellite Systems (ICG)

Appendix to item 13: Report on the co-operation between FIG and the United Nations and the World Bank.

Motion: That the General Assembly adopts the report on the co-operation between FIG and the United Nations, its agencies and the World Bank and records its thanks to the members of the Liaison Committee and all those who have contributed to this co-operation.

Decision: The motion was adopted.

14. LIAISON WITH INTERNATIONAL PROFESSIONAL ORGANISATIONS

The Joint Board of Spatial Information Societies JB-GIS was formally established during the FIG Working Week in Cairo in 2005 and meets annually during a major conference. The meeting in 2007 took place in conjunction to the ICA conference in Moscow, Russia 4-10 August 2007. The Joint Board met informally also during the GSDI-10 in Trinidad 25-29 February 2008. The Joint Board was chaired by President Stig Enemark until the meeting in August 2007 where Prof. Ian Dowman was appointed as the new chair.

FIG has further bilateral agreements of co-operation with several other international associations like ISM, IFHP, CIB, ION, ICEC, FIABCI and IFHS. Some of the partners are also working together in the Habitat Professionals Forum. Since beginning of 2007 the Chairperson of the Habitat Professionals Forum has been President Stig Enemark.

FIG is a member of the International Council for Science (ICSU) and working together with ISO and International Valuation Standards Committee (IVSC) on standards.

The Council has prepared a report on the co-operation between FIG and other professional associations from May 2007 to April 2008. The President made a subsequent report at the meeting.

Appendix to item 14: Report on the co-operation between FIG and other professional organisations.

Motion: That the General Assembly confirms the report on the liaison with other international associations.

Decision: The motion was adopted.

15. REVISION OF THE FIG STATUTES AND INTERNAL RULES

The FIG Statutes, Internal Rules and other regulations have been adopted by the General Assembly in 2001. Several parts have been amended thereafter. After the transition period of the governance structure is now completed the Council has made a thorough revision of the statutes and internal rules as decided by the General Assembly in Hong Kong in May 2007. The revision is based on the work of the Task Force on FIG Governance Structure and the discussions that the Council has had with the member associations.

The new version of the statutes and other regulations include a thorough revision of the language and various adjustments to bring the legal base up to date with actual policies and practices. However as a result there is need only for a few changes that are of political nature. These changes can be listed as follows:

Statutes:

- Membership: In special cases a member association may include a number of (small) countries. (§ 3.1)
- Membership fees: Other members than member associations shall be expelled if their fees are more than two years in arrears. (§ 4.3)
- Governance of the Federation: General Assembly shall be held during the first half of the year. (§ 6.1)
- Governance of the Federation: Member associations must advise the Director of the name of their voting delegates in advance to the General Assembly. (§ 6.5)

Internal Rules:

- Affiliate members: Governmental and regional bodies can be admitted to affiliate membership, if they fulfil the other criteria of membership. (§ 3.2)
- Elections: Time for nominations to positions in the Council and to Commission chairs and chairs elect will be shortened from six to four months because the Nomination Review Group and Commission Review Group procedures have been discontinued. (§ 9.1, § 9.2, § 11.4)
- Commissions: Term of Commission chairs and chairs elect will be harmonised with those of the Council i.e. starting 1.1 and ending 31.12. (§ 11.4)
- Commissions: Only member associations will be allowed to make nominations for Commission chairs and chairs elect (§ 11.8)
- Conferences: Decision on the venue of the Working Week and the Congress will be made four years prior the event instead of current five years (e.g. the next Congress will be decided at the General Assembly to be held at the Congress). As a result all main decisions will then be made at the General Assembly held during the Congress. (§ 17.2)

The Council has decided further to propose an additional change to internal rules in 9.4 § on election of Council members and in 11.9 § on election of commission chairs as follows:

“--- If no single candidate for that post gains an absolute majority of the votes cast, a second vote will be held between the two candidates that have the most votes. In the event of a tie on that vote, the final decision shall be made by selecting a name by blind ballot.”

To help the member associations to see all changes there is a full set of the statutes, internal rules and other guidelines together with the current regulations as an attachment. All changes that are not linguistic improvements have been highlighted. The purpose of the update is to get all regulations up to date but without putting too much effort on the linguistic issues.

A new publication of the Statutes and other regulations will be published and circulated to all members after the General Assembly together with the minutes.

Appendix to item 15: FIG Statutes, Internal Rules and Guidelines.

Motion: That the General Assembly adopts the revised Statutes and Internal Rules and other guidelines as proposed by the Council and presented in the appendix, and including the proposed changes to internal rules §9.4 and §11.9.

Decision: The new statutes, internal rules and other regulations were adopted unanimously.

16. DECISION ON THE VENUE OF THE FIG WORKING WEEK 2013

The Council did not receive any proposals for the venue of the Working Week 2013 by the deadline in December 2007.

In the revised statutes it is proposed that the venue of the Working Weeks and Congresses will be decided four years before the meeting (now five years). Because the Council expected that the General Assembly will adopt this proposal, the Council has not encouraged applications for 2013 after the deadline passed, but instead proposes that the venue of Working Week 2013 will be decided by the General Assembly in 2009.

Motion: That the General Assembly decides according to the revised internal rules that the venue of the FIG Working Week 2013 will be decided by the General Assembly in 2009. Bids to host the Working Week have to be submitted to the Council by the end of 2008.

Decision: The motion was adopted.

17. FIG ACCOUNTS FOR 2007 AND AUDITOR'S REPORT AND BUDGET FOR 2008 AND 2009

Vice President Ken Allred presented a financial report on the economic situation of the Federation. This report includes summary of the accounts for 2007, an updated budget for 2008 and proposal for budget 2009 with notes and principles of the investment policies adopted by the Council.

The Auditors Report includes the auditors report from 2007, official accounts (income statement 2007) and balance sheet 31 December 2007.

Appendices to item 17:

17.1 Financial Report – Accounts 2007 and Budgets 2008 and 2009.

17.2 Auditor's Report, Income Statement for 2007 and Balance Sheet at 31 December 2007.

17.3 List of member associations whose membership fees are in arrears for 2007 and earlier and that are not allowed to vote, as per 15 May 2008.

The Council has decided to recognise the continuous financial support and sponsorship of the Danish Association of Chartered Surveyors, DdL to the FIG Office.

In the discussion Rafic Khouri (OGE, France) asked about the project income in the accounts. It was explained that this is mostly about the administering the FIG events and that FIG is not involved in project work in normal terms.

Robert W. Foster (Honorary President) raised the issue of collecting a fund reserve as stated in the Council work plan and questioned if the target should be put even higher than 1.5 times the annual expenditure. He also asked for an FIG investment policy that will safeguard the FIG funds.

Karl-Friedrich Thöne (DVW, Germany) asked about the proposed increase in membership fees which for big associations is more than inflation rate. He asked the Council to study the sliding scale used for big associations and to consider whether it could be revised. He also requested that the Council should provide some justification for the use of the budget funds and more transparency in the accounting and given finance information to the General Assembly. He asked to get the information in Vice President Allred's presentation included in the minutes and in the future with the agenda papers.

President Enemark promised that the presentation on finances will be included in the minutes of this meeting and that similar information will be circulated with the agenda papers in the future to improve transparency and better enable the General Assembly to act as political auditors of the finances. He also encouraged DVW to send a letter to the FIG Council on the DVW ideas and promised that the Council will consider the issues carefully and take the possible action.

Appendix to item 17 in the minutes: Handouts of the presentation given by Vice President Allred at the meeting.

Motion: That the General Assembly adopts the audited accounts for 2007 and budgets for 2008 and 2009. That the General Assembly records its special thanks and recognises the sponsorship that DdL has given to the FIG Office since its establishment in 1999.

Decision: The motion was adopted.

18. SUBSCRIPTION RATES FOR 2010

The General Assembly has to set levels of fees for member associations two years in advance of the year in which they become payable. Fees are payable in respect of each individual member up to a maximum of 4,000 members; member associations with more than 4,000 members pay fees in accordance with a sliding scale. Fees for 2008 and 2009 are:

	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2008	4.02 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or low-middle-income economies shall pay 2.01 € per member up to a maximum of 4,000 members	200 €	133 per cent of the fee payable by an association with 4,000 members
2009	4.18 € per member up to a maximum of 4,000 members. Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies	200 €	136 per cent of the fee payable by an association with 4,000 members

economies shall pay 2.09 € per member up to a maximum of 4,000 members

The World Bank lists of the low-income economies and the lower-middle-income economies are available at:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

The Council proposes to the General Assembly to increase membership fees for member associations for 2010 with 2.9 per cent to 4.30 € per member and 139 per cent for the maximum fee based on the General Assembly decision from 1997.

Discussion on the membership fees was discussed under item 17.

Motion: That the General Assembly adopts following membership fees payable by member associations in 2010:

	<u>Per capita fee</u>	<u>Minimum fee</u>	<u>Maximum fee</u>
2010	4.30 € per member up to a maximum of 4,000 members Member associations from countries listed by the World Bank as low-income economies or lower-middle-income economies shall pay 2.15 € member up to a maximum of 4,000 members.	200 €	139 per cent of the fee payable by an association with 4,000 members

Decision: The motion was adopted.

19. ELECTION OF VICE PRESIDENTS 2009-2012

According to the FIG Statutes and Internal Rules the General Assembly has to appoint two new Vice Presidents for the period 1.1.2009-31.12.2012.

Member associations have made four nominations for these two open posts during the nomination period. These nominations are:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

According to the new election procedure each candidate has prepared and submitted a nomination template that gives information about the candidate and his ideas about developing the Federation. The templates are included in the agenda.

Appendices to item 19 and 26: Nomination templates of the nominated candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

The candidates were invited to make a short introduction of themselves and their agenda how to develop FIG, if they will be elected. Each candidate was given 5 minutes to make his presentation.

The elections will take place at the second session of the General Assembly by using following procedure:

Election of the first Vice President

In the election of the first Vice President every member association has one vote to give to one of the 4 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Election of the second Vice President

In the election of the second Vice President every member association has one vote to give to one of the remaining 3 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Motion: That the General Assembly records the presentations and adopts to make the election at the second session of the General Assembly by following the election procedure described above.

Decision: The motion was adopted.

20. ELECTION OF COMMISSION CHAIRS ELECT 2009-2010

According to the FIG Statutes and Internal Rules the General Assembly appoints Commission Chairs Elect at its meeting two years prior to the Congress. These Chairs Elect will then automatically become Chairs of the Commissions for the next term of office. Thus the General Assembly shall appoint at this meeting Commission Chairs Elect for term of office 1.1.2009-31.12.2010 and these Chairs Elect will then become Commission Chairs for the term of office 1.1.2011-31.12.2014.

Member associations have made following nominations for the open posts during the nomination period:

Commission 1:	Mr. Doug Culham, Canada (CIG) Ms. Leonie Newnham, Australia (ISA)
Commission 2:	Prof. Steven Frank, USA (ACSM)
Commission 3:	Prof. Yerach Doytsher, Israel (ALSI) Dr. Szabolcs Mihály, Hungary (MFTTT)
Commission 4:	Dr. Michael Sutherland, Canada (CIG)
Commission 5:	Mr. Mikael Lilje, Sweden (SLF)
Commission 6:	Dr. Gethin Wyn Roberts, United Kingdom (ICES)
Commission 7:	Mr. Daniel Roberge, Canada (CIG) Dr. Daniel Steudler, Switzerland (geosuisse)
Commission 9:	Mr. Steven L. Nystrom, USA (AI) Dr. Frances Plimmer, United Kingdom (RICS)

As there were no nominations for Commission 8 and 10, the Council has discussed about the situation with these Commissions. As a result of these studies, the Council proposes to the General Assembly that the appointment of Chair Elect to Commission 8 and Commission 10 will be postponed to the General Assembly in 2009. This will still allow enough time for the appointed Chair Elect to prepare

his/her agenda and work plan for the next term of office. In the case of Commission 8 this is also reasonable because the appointment of a new Chair at the meeting in Stockholm.

Appendices to item 20 and 27: Nomination templates of candidates to Commission Chairs Elect for 1.1.2009-31.12.2010:

- Commission 1: Mr. Doug Culham, Canada (CIG)
Ms. Leonie Newnham, Australia (ISA)
- Commission 2: Prof. Steven Frank, USA (ACSM)
- Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
Dr. Szabolcs Mihály, Hungary (MFTTT)
- Commission 4: Dr. Michael Sutherland, Canada (CIG)
- Commission 5: Mr. Mikael Lilje, Sweden (SLF)
- Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
- Commission 7: Mr. Daniel Roberge, Canada (CIG)
Dr. Daniel Steudler, Switzerland (geosuisse)
- Commission 9: Mr. Steven L. Nystrom, USA (AI)
Dr. Frances Plimmer, United Kingdom (RICS)

At the first session of the General Assembly each candidate was given 3 minutes to introduce him/herself and his/her agenda how to develop the Commission if he/she will be elected.

The election for Chairs Elect will take place at the second session of the General Assembly, 19 June 2008. The election will take place in one election, in which all commission chairs are elected at the same time.

Motion: That the General Assembly notes the presentations and decides to make the election at the second session of the General Assembly on the 19th June 2008.

Decision: The motion was adopted.

21. TASK FORCE ON DEVELOPING GLOBAL LAND TOOLS FOR PRO POOR LAND MANAGEMENT

The Council established in 2007 a Task Force on Developing Global Land Tools for Pro Poor Land Management. This Task Force is chaired by Vice President Paul van der Molen. It is working in close co-operation with commissions 3, 7, 8 and 9 and their working groups whose chairs Dr. Chryssy Potsiou, Mr. Christiaan Lemmen, Dr. Diane Dumashie and Mr. Bengt Kjellson are members of the task force.

Vice President van der Molen reported orally at the meeting on the activities of the Task Force since the General Assembly in Hong Kong.

Motion: That the General Assembly adopts the report and records its thanks to the members of the Task Force for their past year's work.

Decision: The motion was adopted.

22. TASK FORCE ON INSTITUTIONAL AND ORGANISATIONAL DEVELOPMENT

The Council established in 2007 a Task Force on Institutional and Organisational Development. This Task Force is chaired by Iain Greenway from United Kingdom and the members are Santiago Borrero Mutis (Colombia), Adam Greenland (New Zealand), Teo CheeHai (Malaysia), John Parker (Australia), Richard Wonnacott (South Africa) and Francisco Delfini (France).

The Chair of the Task Force, Iain Greenway has prepared a progress report on the activities of the Task Force since the General Assembly in Hong Kong. In his subsequent oral report he asked the members to answer to the questionnaire that the Task Force has produced and that he will report back to the General Assembly on the first outcomes at the second session of the General Assembly.

Appendix to item 22 and 28: Report of the Task Force on Institutional and Organisational Development.

Motion: That the General Assembly adopts the report and records its thanks to the members of the Task Force for their past year's work. That the General Assembly further notes that Dr. Spike Boydell (UK/Australia) has been appointed as a member to the Task Force.

Decision: The motion was adopted.

THURSDAY 19 JUNE

Presidents' Meeting, Thursday 19 June, 8:30-10:30, Room 456, STOCCC

23. PRESIDENTS' MEETING

Totally 52 people attended this Presidents' Meeting out of which 38 were Presidents or leaders of delegations. At the meeting relations between member associations and FIG were discussed as well as experiences from the FIG Working Week 2008. A separate memorandum of this meeting is circulated to the participants of the meeting and to the Presidents of member associations.

Second Session, Thursday 19 June, 11:00–13:30, Auditorium, STOCCC

24. ROLL CALL

Vice President Matt Higgins took the roll call. The roll call was made only for member associations and affiliate members. Delegates representing academic members, corporate members and correspondents as well as honorary presidents and honorary members were entered in the records based on their registrations to the FIG Office at the meeting venue. **Recorded** that based on the decision of the General Assembly in 2006 only those member associations that had paid all their membership fees to the end of 2007 are allowed to vote at the meeting. A list of member associations that are not allowed to vote was published on the FIG web site as per 15 May 2008.

Appendix to items 2 & 24: Roll Call.

52 member associations out of 98 were present at this session, which is more than one third of the membership needed for the General Assembly to be constitutionally valid. At the beginning of the session 49 member associations had the right to vote.

Noted that the General Assembly has appointed Mr. Hon-Kwong Sung from HKIS, Hong Kong SAR, China and Dr. Maria Ulfvarson-Östlund from SLF, Sweden as tellers to this session of the General Assembly.

Motion: That present members are recorded in the minutes.

Decision: The motion was adopted.

25. MEMBERSHIP

Affiliate members

The Council has adopted following three organisations as affiliate members:

- General Directorate for Surveying, Ministry of Water Resources, Republic of Iraq
- Lao National Geographic Department, Lao PDR
- Siberian State Academy of Geodesy, Russian Federation

After these changes the number of affiliate members is 28.

President Enemark gave the representatives of the new affiliate members from Republic of Iraq and Lao People's Democratic Republic their membership certificate.

Academic members

The Council wants to inform the General Assembly that there has been a mistake in the listing of payments and that therefore the University of Puerto Rico, Civil Engineering Department, Puerto Rico has wrongly been listed as an expelled academic member. After this correction the number of academic members is 80.

Motion: That the General Assembly notes the actions that the Council has taken with other membership matters.

Decision: The motion was adopted.

26. ELECTION OF VICE PRESIDENTS 2009-2012

The General Assembly has listened to the presentations of the four candidates for the position of the FIG Vice President at its first meeting. At this meeting the General Assembly will elect two Vice Presidents to the Council for the term of office 1.1.2009-31.12.2012.

The election will be between following candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

Appendices to item 19 and 26: Nomination templates of the nominated candidates:

- Mr. **David Doyle**, ACSM, USA
- Mr. **Iain Greenway**, RICS, United Kingdom
- Mr. **Daniel Roberge**, CIG, Canada
- Mr. **Teo CheeHai**, PEJUTA, Malaysia

The elections will take place by using following procedure:

Election of the first Vice President

In the election of the first Vice President every member association has one vote to give to one of the 4 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Election of the second Vice President

In the election of the second Vice President every member association has one vote to give to one of the remaining 3 candidates. If one candidate gets more than 50 per cent of the given votes, he will be elected. If there is no majority in the first vote, a second vote will be carried between those two candidates that have got most votes in the first vote. The candidate with most votes will then be elected.

Motion: That the General Assembly elects Vice Presidents for the two open positions following the election procedure described above.

Decision: In the election of the first Vice President 49 votes were given: Iain Greenway 18 votes, Daniel Roberge 12 votes, Teo CheeHai 11 votes and David Doyle 7 votes, 1 vote spoiled. The second vote took place between Iain Greenway and Daniel Roberge. In this vote 48 votes were given: Iain Greenway got 27 votes and Daniel Roberge 11 votes. The General Assembly elected Iain Greenway (RICS, United Kingdom) as the first Vice President.

In the election of the second Vice President 47 votes were given: Daniel Roberge 19 votes, Teo CheeHai 18 votes, David Doyle 8 votes and 2 spoiled votes. The second vote took place between Daniel Roberge and Teo CheeHai. In this vote 45 votes were given: Teo CheeHai got 25 votes and Daniel Roberge 20 votes. The General Assembly elected Teo CheeHai (Malaysia) as the second Vice President.

27. ELECTION OF COMMISSION CHAIRS ELECT 2009-2010

The General Assembly has listened to the presentations of the candidates for the position of the Commission Chairs Elect at its first meeting. At this meeting the General Assembly will elect the Chairs Elect for the term of office 1.1.2009-31.12.2010. The Chairs Elect will under normal circumstances be automatically elected as Chair of their Commission for the term of office 1.1.2011-31.12.2014.

The election will take place on the following candidates:

- Commission 1: Mr. Doug Culham, Canada (CIG)
Ms. Leonie Newnham, Australia (ISA)
- Commission 2: Prof. Steven Frank, USA (ACSM)
- Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
Dr. Szabolcs Mihály, Hungary (MFTTT)
- Commission 4: Dr. Michael Sutherland, Canada (CIG)
- Commission 5: Mr. Mikael Lilje, Sweden (SLF)
- Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
- Commission 7: Mr. Daniel Roberge, Canada (CIG)
Dr. Daniel Steudler, Switzerland (geosuisse)
- Commission 9: Mr. Steven L. Nystrom, USA (AI)
Dr. Frances Plimmer, United Kingdom (RICS)

The Chairs Elect will be elected all at the same time. As there is only one candidate for Commission 2, 4, 5 and 6, these candidates will be elected without a vote. For Commissions 1, 3, 7 and 9 there are two candidates for each Commission, so the election will take place between these two candidates. For Commission 8 and 10 there is no candidate and the Council has proposed to postpone these elections to the General Assembly in 2009.

Appendices to item 20 and 27: Nomination templates of candidates to Commission Chairs Elect for 1.1.2009-31.12.2010:

- Commission 1: Doug Culham, Canada (CIG)
Leonie Newnham, Australia (ISA)

- Commission 2: Prof. Steven Frank, USA (ACSM)
Commission 3: Prof. Yerach Doytsher, Israel (ALSI)
Dr. Szabolcs Mihály, Hungary (MFTTT)
Commission 4: Dr. Michael Sutherland, Canada (CIG)
Commission 5: Mr. Mikael Lilje, Sweden (SLF)
Commission 6: Dr. Gethin Wyn Roberts, United Kingdom (ICES)
Commission 7: Mr. Daniel Roberge, Canada (CIG)
Dr. Daniel Steudler, Switzerland (geosuisse)
Commission 9: Mr. Steven L. Nystrom, USA (AI)
Dr. Frances Plimmer, United Kingdom (RICS)

Motion: That the General Assembly elects the Chair Elect to Commissions 1, 2, 3, 4, 5, 6, 7 and 9 at the same time. That the General Assembly decides to postpone the election of Chair Elect to Commission 8 and 10 to next General Assembly in 2009.

Decision: In the election for Chairs Elect the General Assembly gave their votes as follows: Commission 1: Ms. Leonie Newnham 25 votes and Mr. Doug Culham 17 votes; Commission 3: Prof. Yerach Doytsher 32 votes and Dr. Szabolcs Mihály 12 votes; Commission 7: Daniel Roberge 24 votes and Mr. Daniel Steudler 22 votes; and Commission 9: Dr. Frances Plimmer 28 votes and Mr. Steven L. Nystrom 16 votes. The General Assembly elected Ms. Leonie Newnham as Chair Elect in Commission 1, Prof. Yerach Doytsher in Commission 3, Mr. Daniel Roberge in Commission 7 and Dr. Frances Plimmer in Commission 9. The General Assembly appointed Prof. Steven Frank as Chair elect to Commission 2, Dr. Michael Sutherland to Commission 4, Mr. Mikael Lilje to Commission 5, and Dr. Gethin Wyn Roberts to Commission 6. The General Assembly decided further to elect Chair Elect to commissions 8 and 10 at its meeting in 2009.

28. TASK FORCE ON INSTITUTIONAL AND ORGANISATIONAL DEVELOPMENT

Mr. Iain Greenway, Chair of the Task Force on Institutional and Organisational Development gave a presentation on the outcome of the questionnaire and of the meetings arranged during the Working Week in Stockholm.

Appendix to item 22 and 28: Report of the Task Force on Institutional and Organisational Development.

Appendix to item 28: Handouts of the presentation given by Iain Greenway.

Motion: That the General Assembly adopts the report.

Decision: The motion was adopted.

29. ADVISORY COMMITTEE OF COMMISSION OFFICERS

Vice President Matt Higgins reported on the Advisory Committee of Commission Officers (ACCO) meetings and Commission activities that have taken place during the week.

The Council wanted to inform the General Assembly that ACCO has appointed Dr. Chryssy Potsiou as its representative in the Council for term of office 1.1.2009-31.12.2010.

Appendix to item 29: Report of ACCO activities during the Working Week in Stockholm.

Motion: That the General Assembly records the report and endorses the appointment of Dr. Chryssy Potsiou as the ACCO representative in the Council for term of office 1.1.2009-31.12.2010.

Decision: The motion was adopted.

30. CO-OPERATION WITH THE FIG CORPORATE MEMBERS

A traditional meeting for FIG Corporate Members was organised on Tuesday 17 June 2008. At this meeting co-operation between FIG and the corporate members was discussed including new benefits for corporate members. The proposals from this meeting will be considered carefully by the FIG Council

Motion: That the General Assembly records the report and records its thanks to all corporate members and to Mr. Peter Normann Hansen, FIG Ambassador for Corporate Members.

Decision: The motion was adopted.

31. INTRODUCTION OF FIG PUBLICATIONS

The Council has decided to restructure the FIG publications to four categories: FIG Policy Statements; FIG Guides; FIG Reports; and FIG Regulations. Policy statements will include policy statements and political declarations e.g. "The Marrakech Declaration on Urban-Rural Interrelationship for Sustainable Development" (pub # 33) and are endorsed by the General Assembly. Guides are technical or other guidelines e.g. "FIG Guide on Standardisation" (pub #28) or "Mutual Recognition of Professional Qualifications" (pub #27) and are endorsed by the Council and recorded by the General Assembly for information. Reports are technical reports, outcomes from events or products of Commission working groups etc. and are not formally adopted or endorsed by the Federation but have value for the profession, e.g. "Administering Marine Spaces: International Issues" (pub # 36). Decision on publishing the reports will be made by the Council. Regulations include statutes, internal rules and work plans. These categories are created to help members and other users of the publications to identify the purpose for what the publication is made for.

The Council has prepared following four publications that were available as hard copies at the meeting and will be distributed to the members together with the minutes of the General Assembly:

- FIG Work Plan 2007-2010. Publication #39 that includes the FIG Council and Commission work plans 2007-2010. Published in the FIG Regulations series.
- FIG Statutes, Internal Rules and Guidelines. Publication #40 that includes the revised statutes, internal rules and other regulations. Published in the FIG Regulations series.
- Capacity Assessment in Land Administration. Publication #41 is prepared by Stig Enemark and Paul van der Molen in co-operation between FIG and FAO. Published in the FIG Guide series.
- Informal Settlements: The Road towards More Sustainable Places. Publication #42 is Commission 8 Working Group 8.3 (2002-2006) report prepared by Dr. Diane Dumashie. Published in FIG Report series.

Motion: That the General Assembly notifies the new listing of FIG publications and records the four new publications.

Decision: The motion was adopted.

32. THE FIG COSTA RICA DECLARATION ON INTEGRATED COASTAL ZONE MANAGEMENT

One of the results of the 6th FIG Regional Conference in San José, Costa Rica 12-15 November 2007 is preparation of the FIG Costa Rica Declaration on Integrated Coastal Zone Management that was launched at the Working Week in Stockholm. The goals for the Declaration are to develop the concept of integrated and pro-poor coastal zone management; to identify the problems and issues related to Costa Rica and the Central American Region; to analyse these problems in the context of pro-poor CZM; and to look at recommendations and ways forward. The declaration is available on the web and printed copies were distributed at the General Assembly. The declaration is written by a drafting group chaired by Rob Mahoney.

The FIG Costa Rica Declaration is published in the FIG Policy Statement series (pub #43) and it was brought to the General Assembly for endorsement.

Appendix to item 32: FIG Costa Rica Declaration on Integrated Coastal Zone Management.

Appendix to item 32 in the minutes: Handouts of the presentation given by Rob Mahoney at the meeting.

Motion: That the General Assembly endorses the FIG Costa Rica Declaration on Integrated Coastal Zone Management and records its thanks to the drafting group for their work.

Decision: The motion was adopted.

33. REPORT OF THE FIG WORKING WEEK 2009 IN EILAT ISRAEL, 3-8 MAY 2009

The General Assembly will be given a presentation on the arrangements of the FIG Working Week 2009 that will be held in Eilat, Israel, 3-8 May 2009.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

34. 7th FIG REGIONAL CONFERENCE IN HANOI, VIETNAM, 19-22 OCTOBER 2009

The FIG Council has decided to organise the 7th FIG Regional Conference in Hanoi, Vietnam together with the Viet Nam Association of Geodesy, Photogrammetry and Remote Sensing. Representatives of VGCR will give the General Assembly a report on the arrangements of the Regional Conference.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

35. REPORT THE CONGRESS 2010 IN SYDNEY, AUSTRALIA, 11-16 APRIL 2010

The hosts of the FIG Congress 2010 (ISA, Australia) will give the General Assembly a report on the preparations of the next FIG Congress to be held in Sydney, Australia, 11-16 April 2010.

Motion: That the General Assembly records the report for information.

Decision: The motion was adopted.

36. OTHER MATTERS

Mr. Jan de Graeve from the International Institution for the History of Surveying and Measurement informed the General Assembly on the implementation of the Struve Arc getting it included in the UNESCO list of World Heritage. The IIHSM is now working to get the African 30th Meridian Arc to be also listed in the UNESCO list.

Motion: That the General Assembly adopts a resolution to support the proposal of the IIHSM to get the African 30th Meridian Arc to the UNESCO list of World Heritage.

Decision: Motion was adopted.

37. PRESENTATION OF CERTIFICATES OF APPRECIATION

President Stig Enemark presented at the closing ceremony certificates of appreciation to members of the local organising committee of the XXXI FIG General Assembly and FIG Working Week 2008 and to other persons that had actively participated in the arrangements of the successful Working Week. Special thanks were recorded to the Swedish Association of Chartered Surveyors, SLF and its President Mr. Svante Astermo, who was also the Conference Director.

CLOSING CEREMONY

The President formally closed the 31st General Assembly of FIG.

At the closing ceremony the FIG banner was handed over by Mr. Svante Astermo, President of SLF and Dr. Maria Ulfvarson Östlund, SLF to Mr. Haim Srebro, Conference Director of FIG Working Week 2009. The FIG Working Week 2009 will be held in Eilat, Israel 3-8 May 2009.

**31st General Assembly
Stockholm, Sweden, 15 and 19 June 2008**

Roll Call

<u>MEMBER ASSOCIATIONS</u>	15 June	19 June
Algeria Ordre des Géomètres-Experts Fonciers ²⁾	X	X
Argentina Federación Argentina de Agrimensores FADA ¹⁾		
Armenia Association of Private Surveyors APS		
Australia The Institution of Surveyors, Australia ISA	X	X
Austria Österreichische Gesellschaft für Vermessung und Geoinformation (Austrian Society for Surveying and Geoinformation) OVG	X	X
Belarus Land Reform Association		X
Belgium Union Belge des Géomètres-Experts Immobiliers	X	X
Benin Syndicat National des Géomètres-Topographes et Assimilés du Bénin SYNAGETAB ¹⁾		
Botswana Botswana Surveying and Mapping Association ¹⁾	X	X
Brazil Brazilian Society of Cartography, Geodesy, Photogrammetry and Remote Sensing SBC ¹⁾		
Brazil FENEA - Federação Nacional dos Engenheiros Agrimensores		
Brunei Darussalam Brunei Institution of Geomatics, BIC	X	X
Bulgaria Union of Surveyors and Land Managers in Bulgaria, USLMB		
*) Bulgaria Chamber of Graduated Surveyors – Bulgaria, CGSB	X	X
Burkina Faso Association des Geometres et Topographes du Burkina AGT-B ¹⁾		
Cameroon Ordre National des Geometres du Cameroun OGEC		
Canada The Canadian Institute of Geomatics CIG	X	X
China P.R. Chinese Society of Geodesy, Photogrammetry and Cartography		
China P. R. China Institute of Real Estate Appraisers and Agents CIREA	X	X
Congo D. R. Federation des Ingenieurs Geometres-Topographes ¹⁾		
Costa Rica Colegio de Ingenieros Topógrafos de Costa Rica CFIA	X	X
Croatia Croatian Geodetic Society HGD		
Cyprus Association of Rural Surveying Engineers of Cyprus		
Czech Republic Czech Union of Surveyors and Cartographers CSVTS	X	X
Czech Republic Czech Association of Certified Property Appraisers CSCOM		
Denmark Den danske Landinspektørforening DdL	X	X
Egypt Egyptian Committee of Surveying and Mapping ECSM	X	X
Estonia Eesti Geodeetide Ühing EGÜ (Association of Estonian Surveyors)	X	
Fiji Fiji Institute of Surveyors		
Finland Suomen Maanmittausinsinöörien Liitto MIL (The Finnish Association of Surveyors)	X	X

Finland Maanmittausalan ammattikorkeakoulu- ja opistoteknisten Liitto MAKLI ry	X	X
France Ordre des Géomètres-Experts OGE	X	X
France Association Française de Topographie AFT		
Georgia Society of Professionals of Land Information Technologies SPLIT		
Germany DVW – Deutscher Verein für Vermessungswesen – Gesellschaft für Geodäsie, Geoinformation und Landmanagement	X	X
Ghana Ghana Institution of Surveyors GhIS	X	X
Greece Technical Chamber of Greece TEE	X	X
Greece Hellenic Association of Rural and Surveying Engineers HARSE	X	X
Hong Kong SAR, China The Hong Kong Institute of Surveyors HKIS	X	X
Hong Kong SAR, China The Hong Kong Institution of Engineering Surveyors HKInstES		
Hungary Magyar Földmérési, Térképészeti és Távérzékelési Társaság MFTTT	X	X
Indonesia Ikatan Surveyor Indonesia ISI		X
Iran, Islamic Republic Iranian Society of Surveyors ISS ¹⁾		
Ireland The Society of Chartered Surveyors SCS	X	X
Ireland The Irish Institution of Surveyors IIS		
Israel Association of Licensed Surveyors in Israel ALSI	X	X
Italy Consiglio Nazionale Geometri CNG	X	X
Jamaica The Land Surveyors Association of Jamaica LSAJ		
Japan Nippon Sokuryosha Renmei (Japan Federation of Surveyors JFS)		
Kenya Institution of Surveyors of Kenya ISK	X	
Korea, Republic of Korea Confederation of Surveyors	X	X
Kosovo Kosova Surveyors Association	X	X
Latvia Latvian Associations of Surveyors LMB		X
Lebanon Ordre des Géomètres-Topographes du Liban	X	X
Lithuania Lithuanian Association of Surveyors LMA	X	X
Lithuania Lithuanian Association of Property Valuers LTVA	X	X
Luxembourg Ordre Luxembourg des Géomètres OLG		
Malaysia Association of Authorised Land Surveyors Malaysia PEJUTA	X	X
Malta The Malta Institution of Surveyors ¹⁾		
Mexico Colegio de Ingenieros Topógrafos A.C. CITAC ¹⁾		
Mongolia Mongolian Association of Geodesy and Cartography MAGaC		
Morocco Ordre National des Ingénieurs Géomètres-Topographes ONIGT	X	X
Netherlands Geo-informatie Nederland GIN	X	X
New Zealand New Zealand Institute of Surveyors NZIS	X	X
Nigeria Nigerian Institution of Surveyors NIS	X	X
Nigeria The Nigerian Institute of Quantity Surveyors NIQS		
Norway Norges Jordskifte kandidatforening NJKF, faglig gruppe af NIF	X	X
Palestinian Authority Licensed Surveyors Association in Palestine ¹⁾		
Papua New Guinea Association of Surveyors of Papua New Guinea ASPGN ¹⁾		

*) Philippines Geodetic Engineers of the Philippines, Inc.		
Poland Stowarzyszenie Geodetow Polskich SGP	X	X
Portugal Ordem dos Engenheiros, Colégio de Engenharia Geografica ORDENG		
Puerto Rico, USA Colegio de Ingenieros y Agrimensores de Puerto Rico CIAPR		
Romania Union of Romanian Geodesy		
Romania Romanian Association of Private Surveyors APCGCR		
Russian Federation Federal Service of Geodesy and Cartography of Russia	X	X
Republic of Serbia Union of Surveying Engineers of Serbia ¹⁾		
Slovak Republic Slovak Union of Surveyors and Cartographers		
Slovak Republic Chamber of Surveyors and Cartographers KGK	X	X
Slovenia Association of Surveyors of Slovenia ZGS	X	X
South Africa South African Council for Professional and Technical Surveyors PLATO	X	X
Spain Ilustre Colegio Oficial de Ingenieros Técnicos de Topografía	X	
Sri Lanka Surveyors' Institute of Sri Lanka ¹⁾		
Sweden Sveriges Lantmätareförening SLF	X	X
Switzerland geosuisse - Swiss society of geomatics and landmanagement	X	X
Syria Order of Syrian Engineers and Architects ¹⁾	X	
Tanzania Institution of Surveyors of Tanzania IST ¹⁾		
Trinidad and Tobago Institute of Surveyors of Trinidad and Tobago ¹⁾		
Tunisia Association Nationale des Ingenieurs Géomètres-Experts Tunisiens ANIGET		
Turkey TMMOB Chamber of Surveying Engineers of Turkey ²⁾	X	X
Ukraine Ukrainian Society of Geodesy and Cartography		
**) United Arab Emirates Institution of Surveyors of United Arab Emirates, ISUAE ¹⁾		
United Kingdom The Royal Institution of Chartered Surveyors RICS	X	X
United Kingdom Institution of Civil Engineering Surveyors	X	X
United States of America. American Congress on Surveying and Mapping ACSM	X	X
United States of America The Appraisal Institute AI	X	X
Uruguay Asociacion de Agrimensores del Uruguay ¹⁾		
Vietnam Association of Geodesy, Cartography and Remote Sensing VGCR ¹⁾		X
Zimbabwe Survey Institute of Zimbabwe SIZ ¹⁾		
*) membership has been adopted by the General Assembly 15 June 2008. **) membership has been terminated 15 June 2008. 1) Member associations that have no voting right due to unpaid membership fees for 2007 and earlier 2) Member associations that have settled their arrears for 2007 and earlier during the Working Week in Stockholm.	52/99	52/98

<u>AFFILIATES</u>		
Australia and New Zealand (ANZLIC)	X	X
Belgium (General Administration of the Patrimonial Documentation)	X	X
Brunei Darussalam (Survey Department)		X
Cambodia (Ministry of Land Management, Urban Planning and Construction)	X	
Chile (Servicio Hidrográfico y Oceanográfico de la Armada de Chile)		
Colombia (Instituto Geográfico Agustín Codazzi, IGAC)		
*) Denmark (National Survey and Cadastre, Denmark)	X	
*) Finland (National Land Survey of Finland)	X	
Hungary (Institute of Geodesy, Cartography and Remote Sensing, FÖMI)	X	X
Iceland (The Land Registry of Iceland)		
Republic of Iraq (General Directorate for Surveying)		X
Jordan (Department of Lands & Survey)		
Lao People's Democratic Republic (Lao National Geographic Department)		X
Macedonia (FYROM) (State Authority for Geodetic Works)		
Mexico (National Institute of Statistics, Geography and Informatics, INEGI)		
Mongolia (Administration of Land Affairs, Geodesy & Cartography)		
Namibia (Office of the Surveyor General)		
***) Nepal (HMG Survey Department)		
*) Netherlands (Cadastre, Land Registry and Mapping Agency)	X	X
Norway (Norwegian Mapping and Cadastre Authority)	X	X
Romania (National Agency for Cadastre and Land Administration)		
Russian Federation (Siberian State Academy of Geodesy)		
Rwanda (Ministry of Lands, Resettlement and Environment)	X	
Saudi Arabia, Kingdom of (Ministry of Municipal and Rural Affairs)		
Sweden (Lantmäteriet)	X	X
Tajikistan (Agency for Land Management, Geodesy and Cartography)		
United Arab Emirates (Surveying Department, Dubai)		
USA (NOAA, National Geodetic Survey)	X	X
<u>CORRESPONDENTS</u>		
Bahrain		
Benin, Republic of		
Bhutan		
Gabon		
Guyana		
India		
Lesotho		
Madagascar		
Saint Lucia, WI		
Senegal		
Tanzania (Zanzibar)		
Thailand		

Tonga		
Tunisia		
Tuvalu		
<u>ACADEMIC MEMBERS</u>		
Australia The University of Melbourne		
Australia RMIT University		
Australia University of New South Wales		
Australia University of Southern Queensland		
Australia University of Technology Sydney		
Austria BOKU, Vienna	X	X
Bahrain Arabian Gulf University		
Belgium University of Applied Sciences Kaho Sint-Lieven		
Belgium ECAM - Haute Ecole Leonard de Vinci, Département Construction	X	X
Belgium University of Liege, Unit of Geomatics		
Botswana University of Botswana	X	X
Brazil UNISINOS		
Canada University of Calgary	X	X
Canada University of New Brunswick		
Canada Université Laval	X	X
Chile Universidad de Concepcion		
China Renmin University of China, School of Public Administration		
Colombia Universidad Distrital, Facultad de Ingenieria		
Colombia Universidad Distrital, Facultad del Medio Ambiente y Recursos Naturales		
**) Costa Rica Universidad Nacional		
Croatia University of Zagreb		
Denmark Aalborg University	X	X
Egypt National Water Research Center	X	X
Finland Helsinki University of Technology	X	X
Finland EVTEK		
France Ecole Supérieure des Géomètres et Topographes		
Germany Technische Universität München		
Germany Anhalt University of Applied Sciences		
Germany University of Applied Sciences Oldenburg/Ostfriesland/Wilhemshaven		
Germany Technische Universität Berlin		
Ghana University of Mines and Technology (UMaT)	X	X
Greece National Technical University of Athens NTUA	X	X
Greece Technological Educational Institute of Athens		
Guatemala Universidad de San Carlos de Guatemala		
Hong Kong SAR, China The Hong Kong Polytechnic University		
Hungary University of West Hungary	X	X
**) Indonesia Institute of Technology Bandung (ITB)		X
Ireland Dublin Institute of Technology	X	X

Jamaica University of Technology Jamaica		
Kenya University of Nairobi		
Latvia Riga Technical University		
Lithuania Vilnius Gediminas Technical University	X	X
Lithuania Lithuanian University of Agriculture		
Malaysia Universiti Teknologi Malaysia, Department of Geomatics Engineering		
Nepal Land Management Training Centre		
Netherlands ITC International Institute for Geo-Information Science and Earth Observation	X	X
New Zealand University of Otago	X	X
Nigeria University of Lagos	X	X
Nigeria Nnandi Azikiwe University		
Norway Agricultural University of Norway, Dept. of Land Use and Landscape Planning		
Norway Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology		
Oceania University of the South Pacific		
Poland Agricultural University of Krakow	X	X
Puerto Rico, USA Universidad de Puerto Rico		
Puerto Rico, USA Polytechnic University of Puerto Rico		
**) Romania University Dunarea de Jos din Calati		
Romania 1 Decembrie 1918 University of Alba Iulia		
**) Romania North University Baia		
**) Russian Federation Moscow State University of Geodesy and Cartography		
Russian Federation State University of Land Use Planning		
Singapore National University of Singapore		
Slovenia University of Ljubljana		
South Africa University of Cape Town		
Spain Universidad Politécnica de Madrid	X	
Spain Universidade de Santiago de Compostela		
Spain Institut de Geomàtica, Castelldefels		
Sweden Lund University LTH		
Sweden Royal Institute of Technology	X	X
Switzerland University of Applied Sciences Northwestern Switzerland	X	X
Tanzania University College of Lands and Architectural Studies – UCLAS		
Turkey Istanbul Technical University	X	X
United Kingdom Kingston University		
United Kingdom Oxford Brookes University	X	X
United Kingdom The University of Nottingham	X	X
United Kingdom Sheffield Hallam University		
United Kingdom University College London		
United Kingdom University of the West of England		
**) Uruguay University of Oriental Republic of Uruguay		

USA Ferris State University		
USA New Mexico State University	X	X
USA Pennsylvania State University		
USA Texas A&M University – Corpus Christi		
West Indies University of the West Indies	X	X

<u>CORPORATE MEMBERS</u>		
Platinum level		
Bentley Systems	X	X
Environmental Systems Research Institute, Inc. (ESRI)	X	X
Intergraph Mapping and Geospatial Solutions		
Leica Geosystems AG	X	
TOPCON Co		
Trimble Navigation Ltd.	X	
Gold level		
Sokkia Co Ltd		
Silver level		
Blom ASA	X	
Grontmij nv		
COWI A/S		
Bronze level		
AED-SICAD Aktiengesellschaft		
Eimar Arabia Real Estate Development Co. Ltd.		
GIM International – Reed Business Information – Geo	X	X
IGN France International		
Mason Land Surveys Limited		
MENSI S.A.		
Schonstedt Instrument Company		
SEDIC - Sudan Engineering and Digital Information Center		
Basic level		
Derinsu Underwater Engineering Ltd.		
Geo:connexion Ltd		
GEOEXPERT	X	X
GeoInformatics		
GIS Development Pvt. Ltd.	X	X
Hansa Luftbild Sensorik und Photogrammetrie GmbH		
Institut Cartogràfic de Catalunya		
International Land Systems (ILS), Inc.		
LKN Earth Research & Consulting		
P. V. Publications Ltd	X	
Regional level		
Associated Surveyors (Pvt.) Ltd		
Cameroon Engineering		
*) Al-Mutakamilah Real Estate (Cityplex)		
Galileo Instruments, Inc.		

Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH		
***) Remote Sensing Center of Environment Consulting		
SEPRET (Société des Etudes de Projets et Réalisation des Travaux)		
HONORARY PRESIDENTS		
Juha Talvitie	X	
Robert W. Foster	X	X
Carl-Olof Ternryd	X	
HONORARY MEMBERS		
Jan de Graeve	X	X
Jerome Ives	X	X
Stig Enemark	X	X
Andrzej Hopfer		X
Jürg Kaufmann	X	X
COMMISSION CHAIRS 2006-2010		
Commission 1 – Yaacoub Saade	X	X
Commission 2 – Bela Markus	X	X
Commission 3 – Chryssy Potsiou	X	X
Commission 4 – Andrew Leyzack		
Commission 5 – Rudolf Staiger	X	X
Commission 6 – Alojz Kopacik	X	X
Commission 7 – András Osskó	X	X
Commission 8 – Diane Dumashie (appointed 15 June 2008)	X	X
Commission 9 – Kauko Viitanen	X	X
Commission 10 – Andrew Morley	X	X
PERMANENT INSTITUTIONS		
International Office of Cadastre and Land Records (OICRF)	X	X
International Institution for the History of Surveying and Measurement, Permanent Institution of FIG	X	X
FIG FOUNDATION – President John Hohol		
FIG COUNCIL		
President Stig Enemark	X	X
Vice President Ken Allred	X	X
Vice President Dalal S. Alnaggar	X	X
Vice President Matt Higgins	X	X
Vice President Paul van der Molen	X	X



International Federation of Surveyors
Fédération Internationale des Géomètres
International Vereinigung der Vermessungsingenieure

Finance Report 2007

Ken Allred, FIG Vice President

**FIG General Assembly
Norra Latin, STOCCC
15 June 2008, Stockholm , Sweden**



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FIG World Map 2008





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FIG Member Associations 2008



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Affiliate members 2008



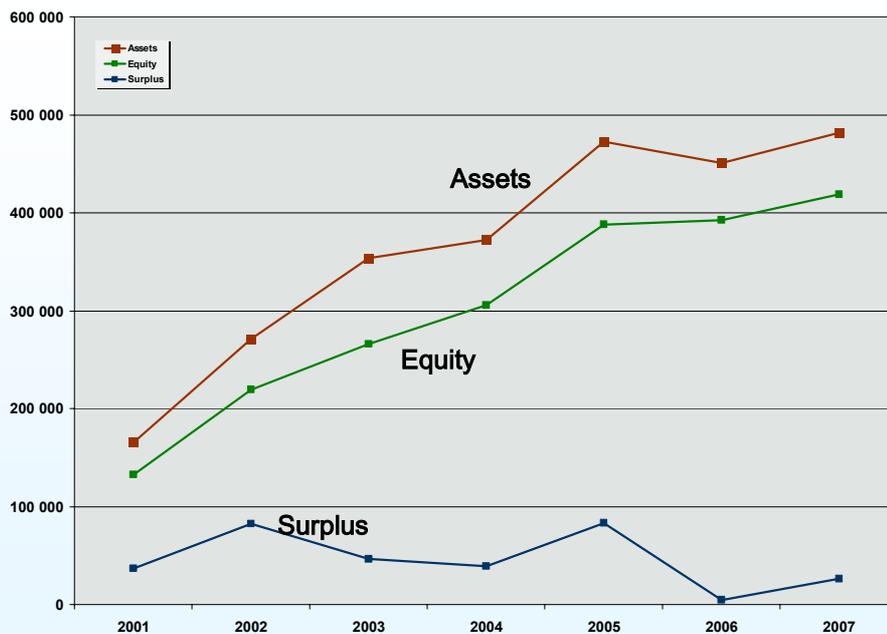


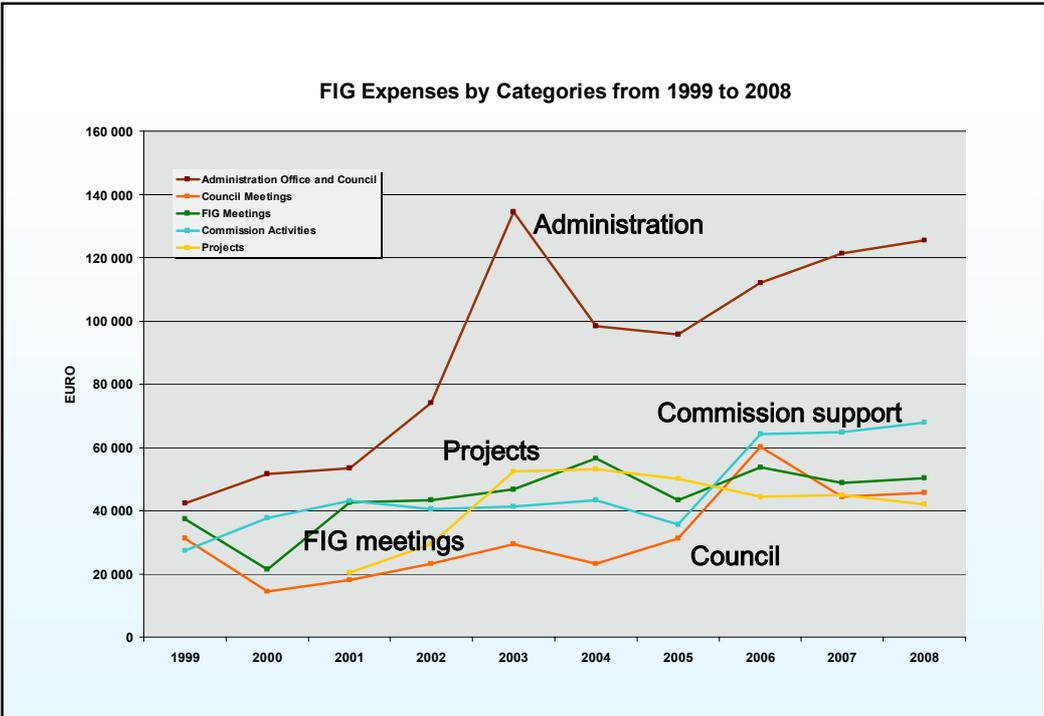
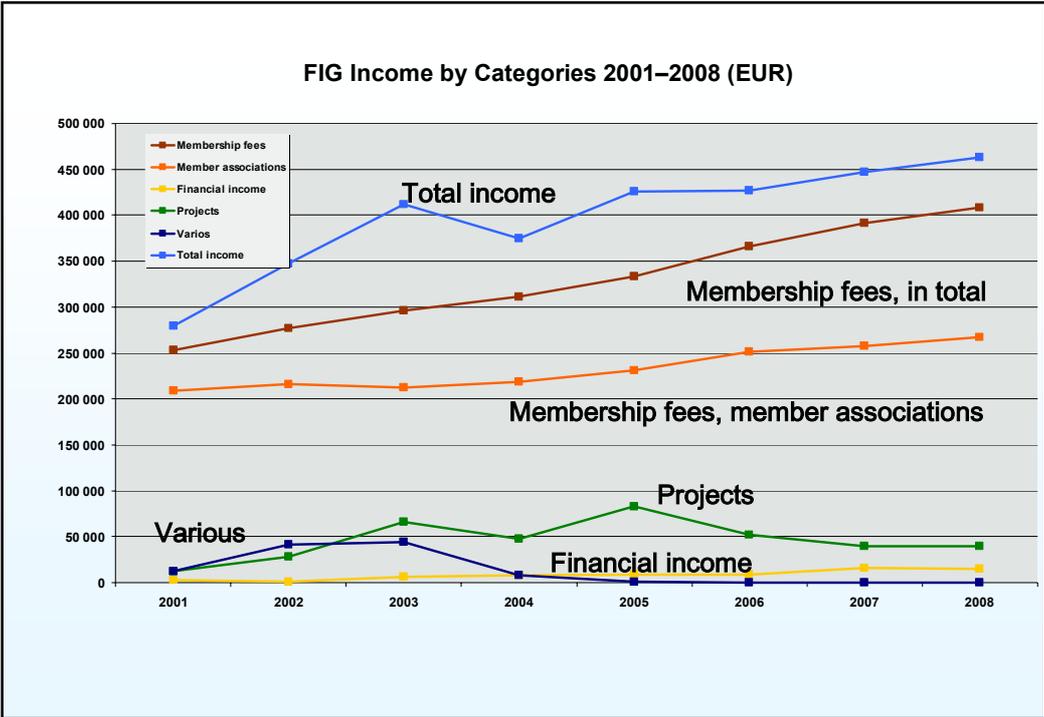
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Academic members 2008

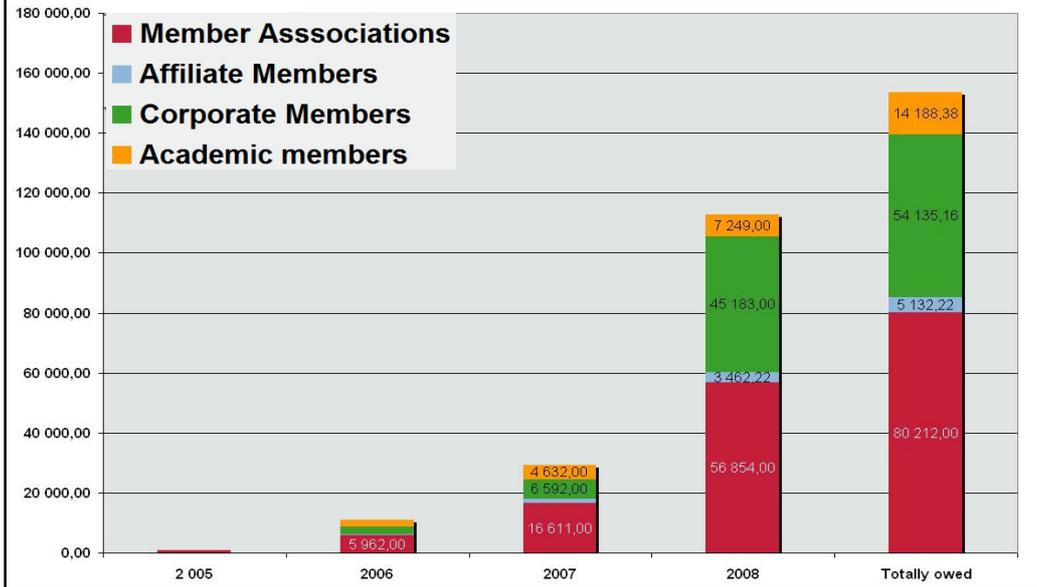


FIG Balances 2001–2008

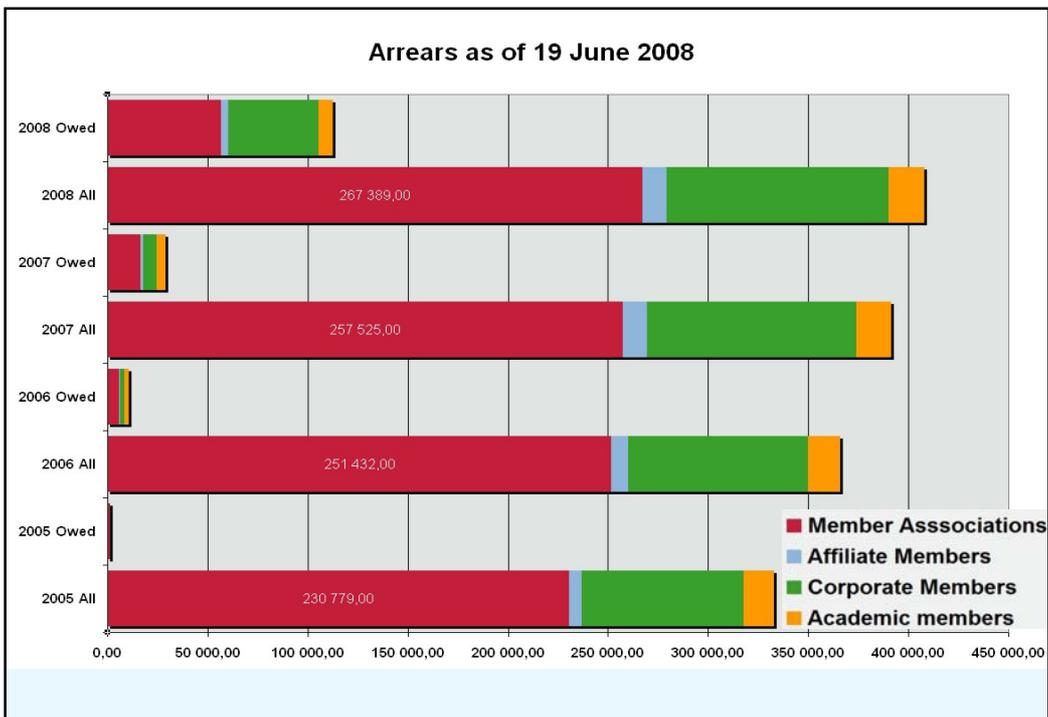




Arrears as of 19 June 2008



Arrears as of 19 June 2008





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FIG Investment Policy as adopted by Council 13 June 2008

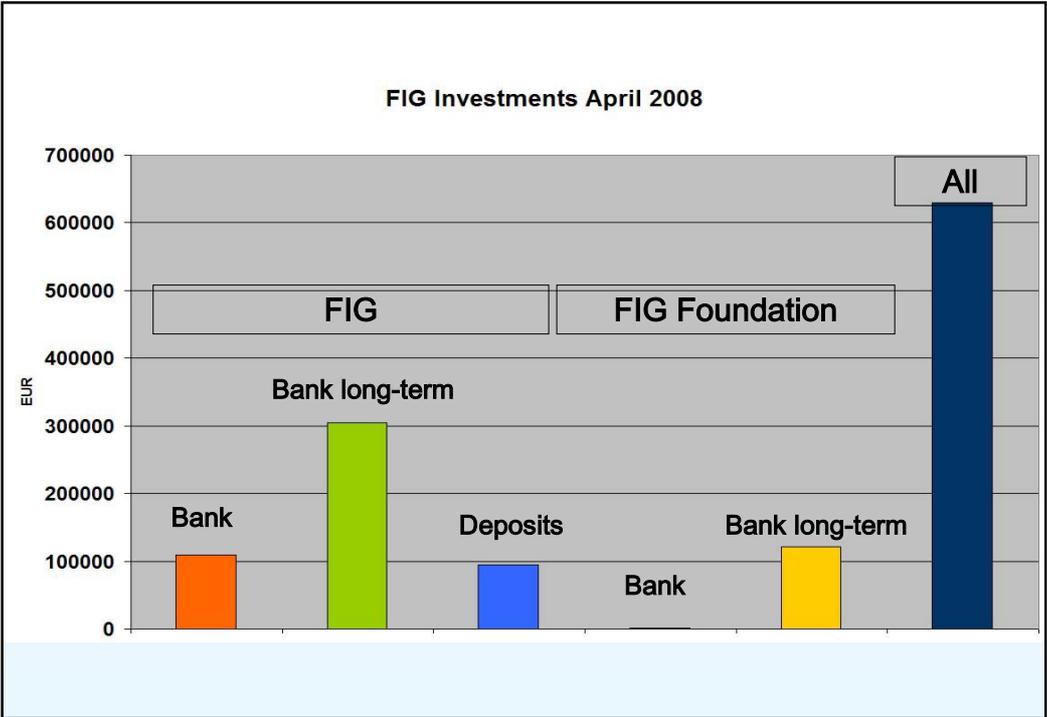
- **It is the aim of the FIG Council to bring FIG's capital to 1½ times the annual membership fees.**
- **The free capital will be invested on a low risk basis to not bring the capital of the Federation at any undue risk.**
- **Investments are primarily done using FIG's secondary bank (Loekken Sparekasse), whereas daily business is run through our primary banker (Danske Bank).**



International Federation of Surveyors
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International Vereinigung der Vermessungsingenieure

FIG Investment Policy as adopted by Council 13 June 2008

- **Investments are made primarily in 2 segments:**
 - **High Interest Rate Accounts on 6, 12, 18 months terms**
 - **Bonds – Government Bonds, Ship Finance Bonds (government controlled), and Property Bonds**
- **It is the policy of the Council not to invest with a higher risk profile, thus no shares and other potentially high risk investments.**
- **Any new investments must be approved by the President upon proposal from the staff in charge of the FIG finances.**



Task Force on Institutional and Organisational Development

An update on progress and plans

Iain Greenway, Chair

But first...

The Land Administration Domain
Model (LADM)

Background

- Developed by Commission 7
 - Core Cadastral Domain Model
 - Social Tenure Domain Model
- Presented to ISO/TC 211 (Geographic Information/ Geomatics) for progress to an ISO standard
- Approved for addition to work programme, May 2008
 - Project Leader Christiaan Lemmen
- Initial meeting in Copenhagen, 26-27 May

Copenhagen meeting

- Successful meeting
- Approx 20 people present
- Reviewed comments on draft and resolved most of them
- Came out with a clear idea of how the document should develop

Key conclusions (1)

- Proceed to International Standard (rather than Technical Specification or Technical Report)
- Amend the scope
 - Reference model
 - Basis for national/ regional systems
 - Basis for sharing between systems
 - Explicitly does not override national laws

Key conclusions (2)

- Remove narrative and add normative text
- Simplify the model
 - And support with examples
- ‘Test cases’ in Annexes (STDM, another)
- Vote on new scope at Committee Draft vote stage – and also engage CEN in parallel

Timetable

- End July – draft 2
- End August – comments
- 22-23 Sept – meeting (Apeldoorn?)
- End November – Committee Draft candidate version

- Likely final publication around 2011

**And now back to the Task
Force....**

I. Work to date

The story so far

- Task Force formed late 2006
- Designed to build on previous work.
- FIG is well-placed to lead, as it brings together leading professionals from around the world.
- The work must assess needs and decide how to respond to those needs most effectively.
- Such work will further FIG's Mission.

Membership

- Iain Greenway (UK) – Chair
- Santiago Borrero Mutis (Colombia)
- Adam Greenland (New Zealand)
- Teo Chee Hai (Malaysia)
- John Parker (Australia)
- Richard Wonnacott (South Africa)
- Spike Boydell (Australia)

Key questions

- Where are the key barriers to effectively functioning institutions and organisations?
- Who are the key influencers who can help to remove the barriers?
- What key materials are needed to remove the barriers?
- Which types of organisation are most affected?

Developing a model to assess capacity

- Input from ITC
- Tested at Cambridge Conference, July 2007
- Three levels
- Five components – further enhanced to six

Levels of capacity

- The broader system/societal level
- The entity/organisational level
- The group-of-people/individual level

Institutional/ organisational

- Institutional development - The enhancement of capacity to perform key functions effectively, efficiently and sustainably. This requires:
 - Stable remits enshrined in legislation
 - Appropriate mechanisms for dealing with shortcomings
- Organisational development - The enhancement of structures and responsibilities to meet the agreed remit. This requires:
 - Adequate, suitable resourcing
 - A clear and appropriate focus
 - Suitable mechanisms to turn focus into practice

The components

- Development of appropriate policy/ legislation
- Conversion into systems/ programmes
- Splitting activity between stakeholders
- Production of the necessary outputs
- Effective use of the outputs
- Effective learning and development

Survey

- Four different statements to rank
 - For each level
 - For each component
- Preliminary results
 - Societal level is the weakest
 - Cooperation is instead suspicion
 - There are skills gaps
 - Stakeholder understanding falls short
 - Insufficient time given to learning

II. Next steps

A timetable – 1

- Agree key topic(s) to be addressed
 - How to get organisations working together effectively?
- Research what already exists
 - Aguascalientes seminar material?
 - WB, UN etc
 - Other??
- Develop material
 - Activity in WB seminar(?), Eilat, Vietnam

A timetable – 2

- Sydney
 - Plenary presentation?
 - Two sessions of ‘invited papers’?
- Post-Sydney
 - Collate an FIG Publication on key learning
 - Make national material easily available (Knowledge Portal etc)

**Report to the 31st General Assembly
FIG Working Week in Stockholm, Sweden, June 2008**

ACCO Report

This is an update report on some of the issues arising for ACCO since the report for the first General Assembly in Stockholm.

Work continued during the Working Week in Stockholm on improving the process for peer review of papers. The editorial group will continue with most of the same members and they met during the week. In coming weeks they will be defining the updated peer review process and timelines for the 2009 Working Week in Eilat. It was also noted that many Commissions have had positive feedback that the peer review process seems to have improved the overall quality of papers in Stockholm.

There was an improvement over previous events with the number of "no-shows", where authors of papers do not arrive to present their paper. This issue needs to be monitored but the steps taken for Stockholm seem to have been effective.

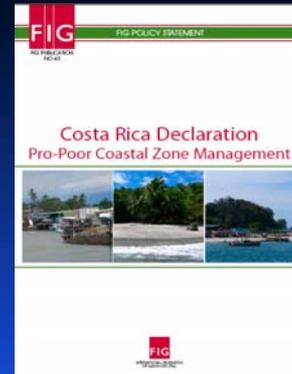
Also on programme matters, an issue raised in the Presidents' Meeting was that there are too many parallel sessions. Matt said that Council and ACCO understood this concern but that there were limits on what could be done. Some options include:

- Reject more papers - this is difficult for many people who need to be presenting a paper to gain travel funding to attend the event;
- Add one day to the programme so there would be a few less parallel sessions - that would add to the cost of attending the Working Week;
- Better use of poster sessions - see below;
- Encourage attendance by more National Delegates so that the learnings for a country does not only depend on the president attending as many sessions as possible - while this can be difficult for some countries, in the long run this is the most sustainable way to deal with the issue;
- Another suggestion from Gert Steinkellner from Austria was to consider cutting back on the GA agenda and trying to do the business in one session where possible. For example, this might be possible in Israel where there will be minimal voting in the GA. The time saved could then be devoted to technical sessions.

Matt also reported that the poster session trialled in Stockholm by Commission 5 seemed to go well. The topic was on GNSS reference station networks and the success was based on the good work before the conference to properly prepare with invited posters. Another good practice was to then schedule a facilitated workshop on the topic immediately following the poster session.

Matt closed his report by noting that in a presentation by Nokia it was stated that in the coming year they will ship 40 million GPS-enabled mobile phone handsets rising to 65 million per year in 3 years. The keynote speaker on Galileo also spoke about the expected 3 billion users of GNSS enabled devices in the next 10 years. Technical experts present believe that within ten years such mobile phone positioning will have an accuracy of better than 10cm. Matt pointed out that the surveying profession has to realise that such huge numbers of spatially enabled users can be both a problem and an opportunity.

The Costa Rica Declaration



Pro-Poor Coastal Zone Management

FIG Publication number 43

Robert P. Mahoney



Presentation overview

- Background
- Major Vulnerabilities in the Coastal Zone
- Costa Rica Declaration
- The Challenge for FIG



Presentation overview

- **Background**
- Major Vulnerabilities in the Coastal Zone
- Costa Rica Declaration
- The Challenge for FIG



Background

FIG Regional Conference
in Costa Rica 2007

Appointment of an
Editorial Group

Diane Dumashie
Alexander González Salas
Christiaan Lemmen
Rob Mahoney
Miriam Miranda
Michael Sutherland



Photos Rob Mahoney



Presentation overview

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Major Vulnerabilities in the Coastal Zone

Environmental Vulnerability



Major Vulnerabilities in the Coastal Zone

Multiple Use Conflicts in the Coastal Zone



Major Vulnerabilities in the Coastal Zone

Human Conflict in the Coastal



Major Vulnerabilities in the Coastal Zone

Resilience versus Sustainability

- **Sustainability** = Maintaining the same
- **Resilience** = Recognition of change, adaptability
 - Maintains relationship between space and time
- Resilience can be measured, for example, by the time taken for the land administration system to return to pre-disaster status e.g hurricanes, flooding, etc



Presentation overview

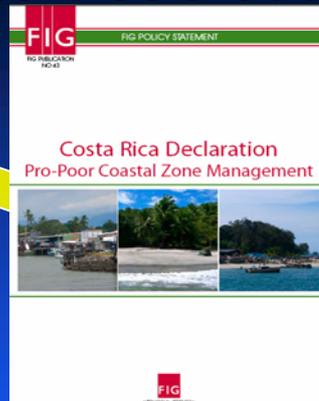
- Background
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- **Costa Rica Declaration**
- The Challenge for FIG



The Costa Rica Declaration

The Costa Rica Declaration is a tool intended to support:

- Politicians
- Senior managers
- Professional organizations
- Decision makers



.....and ultimately improves the lives of the Pro-Poor living in Coastal Zones



The Costa Rica Declaration

- Key Conflicts in the Coastal Zones
- Understanding the Concept of Resilience
- Managing Land Tenure Rights in the Coastal Areas
- Managing Access to Land in Coastal Areas
- Managing Use and Allocation of Land in Coastal Areas
- Building the Institutional Capacity
- Building the Professional Capacity



The Costa Rica Declaration

- Development of coastal zone policies that recognise the right of access for local communities to coastal resources
- Development of coastal management methodologies that recognise social justice and specifically embrace pro-poor policies and environmentally balanced use of the coastal areas
- Reinforcement of institutional change and reassessment of legal issues based on a pro-poor approach to tenure security



The Costa Rica Declaration

- Adoption of a resilient approach to coastal zone strategies by recognising that long-term sustainability will occur only as a result of continuous adaptation (resilience) to changing conditions
- Provision of increased support for professional institutions, including capacity building and the development of best practice solutions



The Costa Rica Declaration

- FIG supports the right of poor coastal communities to thrive, and retain ongoing access to coastal resources. Multiple use management tools should be developed to achieve social justice in a resilient balance between economic development, environmental protection, and the livelihood of the local communities



The Costa Rica Declaration

- FIG believes that the Land Professional has a key and essential role to play in supporting the setting of strategies and policies; and facilitating the interactions of all professionals, politicians and local communities, thus creating a balance to improve coastal zone management

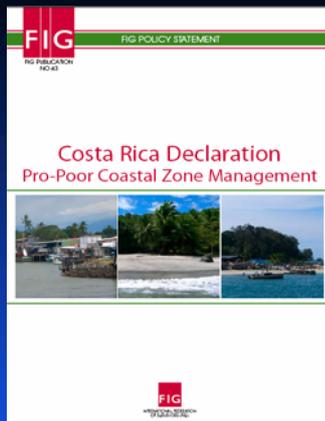


Presentation overview

- Background
- Major Vulnerabilities in the Coastal Zone
- Costa Rica Declaration
- The Challenge for FIG



The Challenge for FIG



The ultimate challenge for FIG, as an NGO, is to use this document to improve the lives of the Pro-Poor living in Coastal Zones

