

INTERNATIONAL UNION OF GEOLOGICAL SCIENCES

MINUTES

of the

**49th EXECUTIVE COMMITTEE MEETING
SEPTEMBER 24 – SEPTEMBER 28, 2001
YICHANG, CHINA**

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**49th EXECUTIVE COMMITTEE MEETING
INTERNATIONAL UNION OF GEOLOGICAL SCIENCES**

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ATTENDEES

IUGS EXECUTIVE COMMITTEE:

Ed de Mulder	President (The Netherlands)
Attilio Boriani	Secretary General (Italy)
Werner R. Janoschek	Treasurer (Austria)
Gabor Gaál	Vice President (Finland)
Isaac Nyambok	Vice President (Kenya)
Tadashi Sato	Vice President (Japan)
Ian G. Speden	Vice President (New Zealand)
Harsh K. Gupta	Councillor (India)
Secretariat:	
Rognvald Boyd	IUGS Secretariat (Norway)
Evi Giobbi	Secretary General's Office (Italy)

OBSERVERS:

Zhang Hongren	Editor, <i>EPISODES</i> (China)
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MINUTES

0. WELCOMING ADDRESSES

President Ed de Mulder opened the 49th Executive Committee Meeting and welcomed the participants. He called upon the participants to have a few moments of silent reflection upon the recent terrorist action in the United States, which was the direct or indirect cause of reduced attendance at the meeting. Apologies had been received from Past President Robin Brett, Vice Presidents Peter Bobrowsky and Wissam Al-Hashimi and John Aaron (Webmaster). Ed De Mulder thanked the Ministry of Land and Resources of China for their hospitality in arranging the meeting and the excursion prior to it. Division director Zheng Chuncai welcomed the IUGS representatives to China on behalf of the Ministry of Land and Resources.

1. APPROVAL OF AGENDA

Secretary General Lio Boriani had distributed an agenda with a draft order of business, focusing on the Strategic Action Plan, the main topic for this Extraordinary meeting of the Executive Committee (EC). Other items would be treated only if they were urgent. Ed De Mulder referred to the decision of the IUGS Council to implement the recommendations by the Strategic Planning Committee, to the meeting of the Bureau and others in Catania, which defined Task Groups with responsibility for implementing the actions and to the Hyderabad meeting of the EC, which had approved the formation of the Task Groups. The Strategic Action Plan (SAP) was sent to the National Committees by early April 2001.

2. 48th EXECUTIVE COMMITTEE MEETING HELD IN HYDERABAD (INDIA), February 24 – March 2, 2001

2.a. Actions arising from the Minutes

Lio Boriani reviewed the decision and action list resulting from the 47th Executive Committee meeting, noting that most of the actions had been implemented or would be taken up later in the agenda.

3. ANNUAL ADMINISTRATIVE AFFAIRS

3.a. President's Report

International Year of Planet Earth (IYPE)

Ed De Mulder presented a draft proposal for development of the project in the following phases:

- Feasibility
- Preparation
- Implementation

The document identified five target groups:

- ICSU and especially other geoscientific unions

- The UN system (using UNESCO as a channel for communication)
- IUGS national committees, academies of science, national and regional geological survey organizations
- IUGS affiliates and other professional geoscientific organizations
- The media

Development of the concept required additional input from the EC and additional manpower and funding for its successful dissemination to the target groups. Ed De Mulder proposed that the EC approve the use of Henk Schalke (with the necessary travel funds) to assist him in this initiative.

EC members gave broad support for the concept, while expressing a range of views on the appropriate level of ambition and the steps needed to achieve success. Harsh Gupta indicated that he would have the opportunity to present the concept to representatives of 30 countries later this year at a meeting in New Delhi.

The Committee APPROVED Ed De Mulder's proposal for his use of Henk Schalke to support the IYPE initiative and suggested that they prepare a proposal for a budget for the related travel costs.

The Committee APPROVED Ed De Mulder's draft as a basis for further development of the concept and APPROVED the formation of a group consisting of Harsh Gupta, Werner Janoschek and Ian Speden (as well as Henk Schalke), which would support Ed De Mulder in this initiative.

3.b. Secretary General's Report

Lio Boriani has carried out his normal duties as Secretary General.

3.c. Treasurer's Report

Werner Janoschek presented an interim report dated 13.9 containing adjusted budgets for 2001 and 2002 (Appendix 1).

3.d. Permanent Secretariat

Ron Boyd submitted a written report on behalf of the Secretariat (Appendix 2).

4. IUGS BODIES

4.a. Committees (former Advisory Boards) for Research Development, Publications, and Finances, Ad hoc Review Committees

See item 6.

4.b. Commissions

4.b.1 Commission on Geological Sciences for Environmental Planning (COGEOENVIRONMENT)

COGEOENVIRONMENT has groups for Geoindicators and Medical Geology, which have grown to a level which the Commission feels merits a new status. The EC has been asked for a solution within the IUGS family. Members agreed to the value and potential of both groups but felt that further information and dialogue was needed before decisions could be made on a new status for the groups.

The Committee AGREED to advise the Commission of the EC's views, presenting a range of options for the development of the groups. The matter will be prepared for a conclusion at the EC meeting in New Zealand.

4.b.2 International Commission on Stratigraphy (ICS)

Felix Gradstein (ICS Leader) had submitted a set of draft statutes, which had been approved within the ICS, immediately before the meeting.

The Committee AGREED that the draft statutes would be considered by the new IUGS Statutes Committee in relation to IUGS Statutes and Rules. Lio Boriani will inform ICS of this decision and will submit the necessary documents to the Statutes Committee.

4.c. Affiliated organizations

The Committee APPROVED the application of the International Geological Education Organisation (IGEO) for Affiliate Membership of the Union. Lio Boriani will inform IGEO of the decision by the EC.

5. INTERNATIONAL COUNCIL OF SCIENCES (ICSU)

International Lithosphere Programme (ILP)

The ILP Secretary General has informed IUGS of a vacancy in the ILP Bureau, asking for nominations from IUGS and IUGG.

The Committee APPROVED the nomination of Harsh Gupta for the vacancy in the ILP Bureau. Lio Boriani will communicate the nomination to the ILP Secretary General.

6. IUGS POLICY AND STRATEGY MATTERS

IUGS Strategic Action Plan

Ad hoc working groups were selected from among the participants to consider each of the following tasks during the meeting.

6.a. Task Group 1 Committee for Research Development

Tasks according to the Strategic Action Plan:

- a. Create Task Group consisting of de Mulder (chair), Plant and Al-Hashimi
- b. Task Group to propose Terms of Reference for the Committee for Research and Development (CRD) and Ad-hoc Review Committees (ARC)
- c. Task Group to develop profile for successful candidate members of the CRD
- d. Task Group to propose nominees for leader and members of CRD
- e. EC to approve Terms of Reference and nominees of CRD

Ed de Mulder reported that tasks a, b, c and d (except for the leader under d) had been completed. ToR had been drafted by Ian Speden. Tasks to be completed during the meeting included

- Formulation of a letter to members of the CRD
- Procedures for the CRD
- Selection of chairperson
- Approval by EC

Members expressed a range of views on the concept of using the IGCP Scientific Board as the CRD. There was a general feeling that this body was too large and that several other factors argued against using the Board in this manner. It was agreed that Ed de Mulder and Ian Speden should cooperate in revising the draft procedural document prepared by the working group.

The Committee APPROVED a proposal that the name of the Committee be changed to Committee for Research Directions.

The Committee APPROVED the following composition for the CRD: a maximum of nine members including the leaders of the four groups in the IGCP Scientific Board and five members nominated by the Committee. Members except for the vice-chairperson will serve for four years and all members must come from countries, which are active in IUGS. A Chairman will be proposed by the Bureau and anticipated members of the CRD will be invited by the Secretary General to participate in the first meeting of the CRD, in Paris in February 2002.

Ad-Hoc Review Committee (ARC) (Task b)

Ed de Mulder presented a draft ToR. Discussion centred on the composition of the ARCs and on practical and financial aspects of their work. It was agreed to try to arrange ARC meetings in connection with major scientific gatherings in order to reduce marginal costs. Publication of ARC reports in *Episodes* would be considered optional rather than mandatory.

The Committee APPROVED the following composition for ARCs: five members including up to two from the Executive Committee, the other three being external experts selected after a dialogue with appropriate affiliated organizations.

The Committee APPROVED the Terms of Reference for the Ad-Hoc Review Committees.

The Committee THANKED Task Group 1 for its work, which was now regarded as completed.

6.b. Task Group 2 Proposal Policy

Tasks according to the Strategic Action Plan:

- a. Create Task Group consisting of Brett (chair), Gaàl, Sato and Speden.
- b. Task Group to develop strict criteria (among which: broad significance, compliant with IUGS aims and objectives, publication of project results in IUGS media, clearly distinct from IGCP projects, limited in number) and to check criteria set for such proposals by ICSU, INQUA, etc.
- c. CRD to determine scientific fields open for tendering keeping a balance between pure and applied sciences
- d. EC to approve criteria
- e. EC to send out invitations for projects
- f. EC to approve project proposals

Ed de Mulder reported, on behalf of Robin Brett, that tasks a and b had been completed. Robin Brett had submitted a draft set of criteria, which had been distributed to the EC. A number of amendments were made to the draft. The next step within this activity is to establish the Committee for Research Directions, which will then use the Proposal Policy as part of the basis for its activity.

The Committee APPROVED the criteria submitted by the Task Group with minor amendments.

The Committee THANKED Task Group 2 for its work, which was now regarded as completed.

6.c. Task Group 3 Joint Programs

Tasks according to the Strategic Action Plan:

- a. Each EC member to generate a list of potential projects and partners by consulting own networks (long list)
- b. EC to evaluate long list and make selection (by e-mail)
- c. Task Group, consisting of de Mulder (chair), Cadet and Nyambok, to approach selected partners and invite them to participate in joint projects/programs
- d. Janoschek to approach other ICSU members (e.g. IUGG, IGU, IUSS, IUBS)
- e. All officers to present IUGS to relevant external bodies, as EuroGeoSurveys, CCOP, UNESCAP, FOREGS, ICOGS.
- f. Boriani & de Mulder take initiatives to become invited in meetings of other related Divisions in UNESCO

Ed de Mulder reported that tasks a and e had been largely completed. Tasks to be achieved during the meeting include:

- Make a short list of e.g. 5-10 programs
- Make a plan for sponsorship and presentations at strategic meetings
- Approval by EC

Lio Boriani pointed out that he, as IGC president, is inviting all affiliates and other Unions to sponsor and to hold meetings at the IGC: this is not done reciprocally to IUGS at their meetings. Several members indicated the importance of getting input

from the CRD though development of important concepts should not be delayed while waiting on the CRD.

Ed de Mulder reported on the conclusions from the ad hoc working group, which had considered the issues during the meeting. There are three avenues for development of completely new joint programs:

- Development of completely new programs (using proposals from the CRD)
- Involvement of IUGS in current or newly developed external programs
- Involvement of non-IUGS partners in current IUGS-based programs. Potential partners in joint programmes could include:
 - UN bodies or related organisations
 - Geological Survey consortia
 - Other ICSU bodies

Memoranda of understanding with a number of relevant organizations are being developed. Lio Boriani and Isaac Nyambok noted possibilities for co-operation with political organizations. The IGC in 2004 will be supported by the European Union.

The Committee AGREED on the desirability of further input from Committee members and from the new CRD before finalising the work of the Task Group.

Actions on standardisation: Lio Boriani has approached affiliated organizations with a view to co-operation on standards, but has yet to receive a significant response. He will contact the journal, Geostandards, with a view to cooperation.

6.d. Task Group 4 Technology Transfer & Education

Tasks according to the Strategic Action Plan:

- a. Bobrowsky to explore possibilities for a joint IUGS-IGEO initiative for geoscience education
- b. Create Task Group consisting of Bobrowsky de Mulder, Plant and Speden
- c. Task Group to propose Terms of Reference for the new group
- d. Task Group to develop a profile for successful candidate group members
- e. Task Group to approach Fyfe, National Committees, IGEO, Affiliated & Partner organizations (UNESCO) to suggest nominees
- f. Task Group to propose nominees
- g. Nominees and Terms of Reference to be approved by EC
- h. Task Group on Education commences work

Ed de Mulder reported that the first four tasks had been largely completed. A decision had to be taken as to whether a Commission on Education should be formed or whether IGEO could meet IUGS needs in this respect. Some members felt there was insufficient correspondence between the recommendations of the Strategic Planning Committee and the focus of IGEO's activities. Several members mentioned AGID as an organisation, which could be relevant to this purpose: at present, however, the future of AGID is being reconsidered and IUGS should await developments before trying to involve AGID.

There was a consensus that, especially in the unfortunate absence of Peter Bobrowsky, there was not enough information to make further progress. There was a need to involve more Committee members and to keep the Group active.

The Committee APPROVED the addition of Isaac Nyambok to the Task Group in the role of Chairman.

6.e. Task Group 5 Visibility

Tasks according to the Strategic Action Plan:

- a. Create Task Group consisting of Bobrowsky (chair), Cadet, Gaal and Plant
- b. Task Group to explore all possibilities to increase exposure
- c. Task Group to collect position statements through Public Affairs Working Group (Applegate)
- d. Task Group to identify Press or PR Co-ordinator e.g. through Geological Surveys
- e. EC to approve Task Group recommendations
- f. Start exposure activities

Ed de Mulder, on behalf of Peter Bobrowsky, commented that good progress had been made by the Task Group. Gabor Gaal reported that a number of additional members had been coopted onto the Group: the group had numerous proposals for measures or items aimed at increasing IUGS visibility: Poster, bulletin boards, brochures, flyers, sponsoring and gadgets (coasters, bookmarks, compasses, coffee mugs, etc.). Tadashi Sato noted that a supplier in Japan had offered to produce a mini-compass imprinted with the IUGS logo at a cost of USD 5/compass (see item 9.b). Peter Bobrowsky will organise a brainstorming session during the GSA Meeting in Boston (November 2001), including several external members of this Task Group, and will produce a report on his conclusions shortly thereafter.

Peter Bobrowsky has drafted a colourful brochure, which has been distributed electronically to the EC.

Many constructive ideas based on experience from around the globe were discussed. Ed de Mulder stated that the SPC wanted measures to be taken to give IUGS a positive profile within its own professional sphere in which it was poorly known, and in relation to a broader public. The target groups are our colleagues in geoscience and the general public. IUGS should concentrate on the professional sphere first and should enlist the National Committees as a resource. There was broad support for a newsletter, which could be issued electronically and in hard copies. A further target, decision makers, could be reached via ICSU as well as directly. It was agreed that priority should be given to the information part of our attempts to increase IUGS visibility. Strong support was given to the proposal to replace the IUGS logo with one which would have a less "confrontational" character (relative to the "hammer"), and which would express the fact that we consider ourselves as guardians of the planet Earth.

The Committee AGREED to consult the National Committees on the best means of raising IUGS's profile in the professional and public spheres.

The Committee AGREED to ask the Task Group to prepare a proposal, laying out the best means of giving information to prioritised target groups, for consideration at the EC meeting in New Zealand.

The Committee AGREED to arrange a competition, aimed at designing a new logo, among the Commissions, the national committees and associated and affiliated members of IUGS. Selection of the winner should take place during the meeting of the EC in New Zealand.

ACTION: EC members should provide Peter Bobrowsky with their views on his draft brochure.

6.f. Task Group 6 Publications

Tasks according to the Strategic Action Plan:

- a. ABP to advise EC on IUGS publications
- b. Create new Committee for Publications (CP) consisting of Caldwell (chair), Bobrowsky, Janoschek, Brett, Zhang Hongren, Spilhaus, Aaron
- c. CP to modify Editorial Board of EPISODES
- d. CP to identify publication house for outsourcing non-serial publications and assure IUGS identity for publications
- e. CP to Identify publication topics
- f. EC to approve proposals made by CP

Werner Janoschek, in the absence of Glen Caldwell, reported that tasks a and b had been completed and that the CP had made proposals on tasks c and e and indicated a way forward on task d (see Werner Janoschek's report on the meeting of the CP held in Washington.)

Werner Janoschek thanked Chinese colleagues for their continuing support for *Episodes* and pointed out the urgency of final decisions on:

- The price of the Stratigraphic Chart
- The French edition of the Chart
- The Chinese edition of the Chart
- The Editorial Board of *Episodes*
- Identification of potential partners for cooperation on non-serial publications and dialogue with these

Recommendations from the CP (communicated by Werner Janoschek) were as follows:

Episodes – future contents:

- 40-60% review and scientific articles
- 30-40% IUGS material
- 5-10% book reviews
- 5% letters and editorial

It is important to begin the search for new papers in accord with the planned profile for *Episodes*.

Editorial Board

Taking account of the profile suggested for the journal the following changes in the composition of the Editorial Board were recommended:

- The following members to be thanked for their services: Franco Barberi, A.T. Basilevsky, Liu Tungsheng, Wang Pinxian and Neil Williams (as well as those continuing)
- The following new candidates to be asked to serve on the new Editorial Board: I. Dalziel, R.W. Johnson (AGSO), N. Catto, Yin Hongfu and Alexander O. Gliko) (as well as those continuing)

Web site

- John Aaron is willing to continue as webmaster.
- The discussion forum should be maintained but should be restarted with controversial topics, e.g.
 - Climate change
 - P/T Boundary
 - Life on Mars
- Up-dating of the site: Appropriate material should be fed promptly to John Aaron.

Non-serial publications:

- 6-10 publishing houses, both commercial and non-commercial should be approached by the Chairman of the CP.
- Bids should be submitted before the EC meeting in New Zealand to allow discussion at the CP meeting there. Fred Spilhaus should be asked to review the bids and should be invited to the EC meeting in New Zealand in order to present his views. The EC should make a decision in New Zealand on the choice of publishing house.
- There was a consensus that IUGS should have a series editor who would have responsibility for the scientific quality of the series.

Stratigraphic Chart

- There should be no further contact with UNESCO in relation to future editions of the chart
- Copyright has been secured for IUGS.
- The price for the English version should be USD 5 but it may be given away at special occasions
- Negotiations should be conducted with the Chinese authorities on the Chinese-language version
- E. de Mulder should contact Jean-Paul Cadet to discuss the French language version

Ed de Mulder stated that these recommendations by the CP were approved in the Bureau meeting in Washington and that it is important to close the issue related to the Stratigraphic Chart now and to repair relationships with UNESCO. Werner Janoschek pointed out that IUGS must inform the UNESCO Publications Dept. of its position – they have awaited a reply since March. The cost of printing the Chart had been shared as follows: UNESCO - USD 15,000; IUGS - USD 3,500. Isaac Nyambok advocated strongly that the issue should be concluded in an amicable manner. Ed De Mulder pointed out that, according to the views of the EC in Hyderabad and reiterated in the Bureau in Washington, any new edition of the Chart should be published through an external publishing house.

Werner Janoschek felt that it was not impossible that UNESCO would accept that IUGS should have sole copyright. Zhang Hongren pointed out that it is important to look at the whole, complex background for the issue, to solve the problem and to

have a good relationship with UNESCO. IUGS should publish the Chart electronically, free on the web site, giving numerical information on the colour chart.

Isaac Nyambok proposed that Ed de Mulder be given a mandate to negotiate the best possible agreement for both sides. He must also contact Jean-Paul Cadet and clarify the situation as regards the French version.

Lio Boriani suggested free distribution of the Chart. Ron Boyd pointed out the significant postage and handling charges and it was agreed that the Chart itself should be free but that postage and handling charges should be paid by those ordering it.

The Committee unanimously approved the following decisions:

The Committee APPROVED the CP's proposals relating to *Episodes*, including the changes to its Editorial Board.

The Committee APPROVED the CP's proposals relating to non-serial publications.

The Committee APPROVED the CP's proposals relating to the web site. All IUGS organizations are to be encouraged to use the site

The Committee APPROVED that Ed de Mulder be given a mandate to negotiate the best possible agreement on the first edition and on possible future editions of the chart.

The Committee THANKED Task Group 6 for its work, which was now regarded as completed.

6.g. Task Group 7 Finances

Tasks according to the Strategic Action Plan:

- a. Create Task Group on Finances consisting of Bobrowsky (chair), Janoschek and Speden and external experts
- b. Task Group to conduct fact finding mission + related entities
- c. Implement parallel pathways
- d. Develop recommendations for EC
- e. EC to approve recommendations

Werner Janoschek reported that task a. had been completed with the addition of Peter Cook, P. Maronder (Germany), Fred Spilhaus, Cathleen May and Henk Schalke to the Task Group. An ad hoc working group, building on input from the task group, proposed the following means of raising funds:

Identification of sources:

- Members:
 - Adhering bodies
 - Associates
- New donors, sponsors
- Stock market
- IGC
- Private donations, bequests

- Episodes advertisements
- Web site

Develop plans to raise funds

Members

- *Adhering bodies:*
 - Evaluate membership category
 - Address new member countries
- *Associates:*
 - CCOP, EuroGeoSurveys, SOPAC (South Pacific), SADC (Southern Africa)
 - measures: better treatment of Associates
 - offer connections to UNESCO, ICSU to promote proposals

New donors, sponsors:

- Mining Industry
- Oil Industry
- Electric Power companies
- Electronic and Computer Industry
- Car Industry
- Insurances
- Foundations

Stock Market

IUGS might allocate a portion of its financial resources for this purpose, but would need the help of professionals. Several members were negative to this proposal.

IGC

The Congress would be an excellent product to be offered for additional fund raising by a combined IUGS-IGC

Private donors, bequests

The possibility of tax savings for donors must be clarified. Donations could be earmarked for awards.

Episodes

Episodes could probably raise funds from advertising.

Web site

Advertising on the site could be considered. This idea gained little support.

Publications

Generation of a higher financial input for IUGS inherently demands better visibility for the performance of IUGS and of the products offered by the Union. It would make little sense for IUGS to approach external organisations or individuals for financial contributions unless IUGS is prepared to develop a more clearly defined image, through its logo (see item 6.e), its slogan and its vision statement. Fund raising activities should follow the conclusions drawn by Task group 5 on Visibility and on a road map for the future, as proposed by Harsh Gupta. Lio Boriani, using the World

Wildlife Fund as an example, asked if IUGS could be presented as the guardian of the planet, Earth, as a means of increasing visibility and, thus, funding.

Werner Janoschek described the potential benefits of increasing dues and finding new members. Ed de Mulder added that there was also a potential for increasing the number of associate members but that the relationship with them should be given much more content.

The Committee AGREED that Harsh Gupta and Ed de Mulder should develop a "road map" for the future of IUGS and related development of new funding opportunities, including a vision statement and due attention to events such as the planned merging of IGC and IUGS and the planned International Year of the Planet Earth. This proposal should be submitted to the Committee at their planned meeting in New Zealand.

The Committee AGREED that the Task Group should further develop the list of sources presented above and that it should form the basis for a medium-term financial strategy.

The Committee AGREED that Werner Janoschek should develop a proposal for increasing membership of the Union and for reassessing dues from existing members.

6.h. Task Group 8 Commissions

Tasks according to the Strategic Action Plan:

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| <p>a. Create Task Group of members of the EC for developing rules for Commissions & Working Groups, including accession and abandonment criteria. Task Group to consist of: Gaál (chair), Boriani, Nyambok and Speden</p> <p>b. EC to approve rules</p> |
|---|

Gabor Gaal reported progress in the Task Group, which submitted a draft set of rules for Commissions and Working Groups for discussion. The decisions indicated below emerged from these discussions. Ed de Mulder asked the Task Group to incorporate the decisions in a revised draft, which should be sent to the Statutes Committee as a matter of urgency.

The Committee AGREED that the rules should form a separate document, the lowest element in a hierarchy headed by the Statutes and followed by the Bye-laws, in which quotations from the Statutes and Bye-laws should be highlighted.

The Committee AGREED that the organisational structure within Commissions should consist of Sub-Commissions and projects. Working groups should be reserved as an organisational tool for IUGS as a whole.

The Committee AGREED that officers should serve on Commissions or Sub-commissions for a minimum of four years and a maximum of eight years, with terms being staggered in order to preserve continuity.

The Committee AGREED to submit the final draft of the rules to the Statutes Committee for consideration.

The Committee AGREED that Isaac Nyambok should be co-opted to serve on the Statutes Committee, in addition to those members indicated in the Minutes of the Washington Bureau Meeting (Jean-Paul Cadet, Peadar McArdle, John Reinemund and Michael Schmidt-Thomé. Joy Perreira, who had been asked to serve on the Committee, was unable to do so for personal reasons.)

The Committee THANKED Task Group 8 for its work, which was now regarded as completed.

6.i. Task Group 9 IGC and IUGS

Tasks according to the Strategic Action Plan:

- | |
|---|
| <ol style="list-style-type: none">a. Create Task Group consisting of Sato (chair), Boriani, de Mulder, Cordani and Zhang Hongren.b. Task Group to seek recommendations from the IGC Steering Committee.c. Task Group to develop position paper.d. Position paper to be discussed and approved by EC.e. Task Group to seek recommendations from the National Committees. |
|---|

Tadashi Sato reported that he had drafted a position paper, which had been discussed in the Task Group, revised and then circulated to the Committee as a basis for consideration. A further draft, dated 25.9, had been prepared during the meeting after discussions in an ad hoc working group. He anticipated incorporating the views of the Committee into a revised draft, which could then be sent to affiliated organizations and national Committees for comment before a final revision prior to discussion with the IGC Steering Committee. Lio Boriani indicated that there would be an opportunity to discuss the proposal with the IGC Organising Committee at their meeting in Florence in October 2002. Ed de Mulder asked that the matter be placed on the agenda for this meeting: he believed the aim should be to finalise the preparations for the merger by 2004.

Concerning the future position of IGC in relation to IUGS, there was much support for the view that IGC would become a regular activity within IUGS, consisting of as local Organizing Committee and an Advisory Board or Steering Committee. There were diverse views as to a future role for the IGC Steering Committee. Zhang Hongren advocated the redefinition of the IGC Steering Committee as an IGC Advisory Board within IUGS and reporting to the IUGS Council via the Executive Committee.

The Committee AGREED that IUGS and the IGC should have a Council in common and that there was no need for IUGS to have a General Assembly. IUGS should have an Advisory Board the function of which would primarily be to provide the benefit of experience from previous IGCs.

The Committee APPROVED Tadashi Sato's proposal as a basis for discussion, asking that it be supplemented on the basis of the views expressed, including those on behalf of the IGC and that it should

include an organisational chart and a plan for implementation of the merger.

6.j. Task Group 10 Affiliated Organizations

Tasks according to the Strategic Action Plan:

- a. Create Task Group, consisting of Brett (chair), Bobrowsky, and selected representatives of IUGS Affiliates
- b. Task Group to explore the needs and wishes of various types of Affiliated organizations
- c. Task Group to develop proposals to make IUGS more attractive to Affiliated organizations
- d. Task Group to report their recommendations to the EC
- e. EC to approve recommendations and charge EC officer with implementation of the recommendations

Ed de Mulder reported, on behalf of Robin Brett, that tasks a, b and c had been completed and that the Task group had been supplemented with the following members: Wissam Al-Hashimi, David Bruton, Jean-Paul Cadet, Ian Dalziel, Sylvi Haldorsen, Erik Hammerbeck, Paul Marinos, Tony Reedman, and Ross Taylor. The group had been very productive but their proposals had to be prioritized.

The Task group's proposals and positions on recommendations by the Strategic Planning Committee were as follows:

- IUGS involvement in projects with affiliates, the process to be fostered by way of the proposal policy
- Symposia jointly sponsored by IUGS and the affiliates.
- IUGS and affiliated organizations could jointly sponsor conference series such as the Penrose and Chapman conferences
- The Task Group rejected the proposal (made by the Strategic Planning Committee) that affiliated organizations should have a vote at the IUGS Council because of the danger of dissent due to the vast differences in their size.
- Affiliated organizations should be encouraged to use *Episodes* and should be offered subsidized advertising
- The Task Group rejected the proposal (made by the Strategic Planning Committee) that certain affiliated organizations should have a special status.
- The Task Group rejected the proposal (made by the Strategic Planning Committee) that affiliated organizations should pay annual dues to IUGS but indicated that this should be reconsidered when the affiliates derive more benefit from IUGS.
- One individual EC member should be responsible for interests of the affiliated organizations and he should start an e-mail dialogue with them. (This is already in place with Peter Bobrowsky as the EC member responsible.)
- IUGS will help the affiliated organizations by issuing position statements and by contact with governments, when they felt this would be useful.
- Annual reports from the affiliated organizations should be useful reports or should be abandoned.
- IUGS should continue to represent the earth sciences in general and the affiliated organizations in ICSU

- IUGS should have key roles in fostering cooperation and minimizing duplication.
- Some affiliated organizations, especially in the developing World need support – IUGS should support their efforts.
- IUGS should produce a newsletter with content of interest for the affiliated organizations.
- Affiliated organizations should be encouraged to refer to, or to have articles on IUGS in their journals
- Affiliated organizations should use IUGS gatherings as a forum for their meetings
- Members of the Executive Committee should be invited to symposia and council meetings held by affiliated organizations where appropriate.
- IUGS could aid affiliated organizations in working together by exchange of relevant information, i.e. encourage communication between them.
- Many members of affiliated organizations in developing countries do not have computer access – we should therefore use hard copies as well as electronic media when disseminating information.
- The Committee for Research Directions should have members from developing countries.
- A major cause of the perception that IUGS lacks an important role is lack of money
- *Episodes* should have a 1p profile of an affiliated organization in each number
- The affiliated organizations should be informed of the interest in review papers in *Episodes*.
- A monthly newsletter – electronic, hard-copy and on the web site – should also include information on funding possibilities
- IUGS and IGC should involve the affiliated organizations more in planning the IGCs especially in relation to the scientific programmes. (Lio Boriani indicated that those responsible for the coming IGC in Florence were putting much effort into this direction.)
- IUGS should advertise affiliated organizations, where this might lead to increased membership
- IUGS should arrange meetings with affiliated organizations in conjunction with major Congresses such as IGC, EUG and GSA

The Committee commended the Task Group on their productivity and AGREED to ask them to suggest priorities for their proposals and to place them in the context of an action plan.

6.k. Task Group 11 National Committees

Tasks according to the Strategic Action Plan:

- | |
|--|
| <ul style="list-style-type: none"> a. Create Task Group, consisting of de Mulder (chair) and Refsdal b. Task Group to explore the needs and demands of National Committees (NCs) by checking the returned inquiry forms for SPC c. Task Group to develop proposals for making IUGS more attractive to NCs, e.g. to produce overviews of relevant global geoscience issues, increase information flow, arrange meetings with and give presentations for NCs, etc. d. Task Group to report recommendations to EC e. EC to approve recommendations and charge an EC officer with implementation of the recommendations |
|--|

Ed de Mulder reported that tasks a and b had been implemented. There was a need to expand the Task Group and he had already received positive responses from Arne Bjørlykke and Sospeter Mohungo: he awaited a response from Tsunemasa Saito. His aim for the meeting was to develop the proposals and have a dialogue about these with the Committee.

Isaac Nyambok pointed out the importance of having true National Committees, not just focal persons on whom one becomes completely dependent.

Ian Speden proposed that a position paper on how to arrange national committees be written. Lio Boriani and Isaac Nyambok supported this idea strongly.

The Committee AGREED that a position paper on preferred forms of organisation of National Committees be written, with the assistance of the Secretariat.

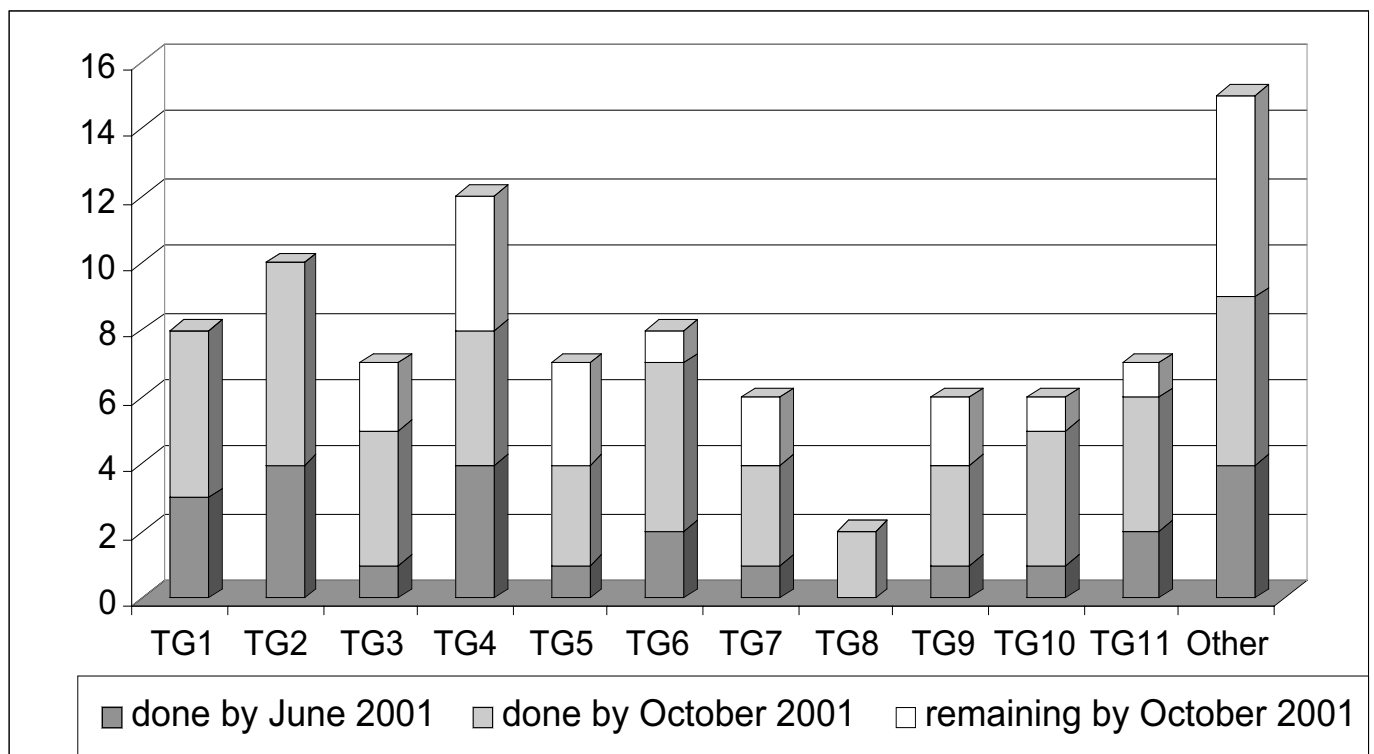


Figure: Actions completed in relation to the Strategic Plan

Ed de Mulder closed the discussion on the Strategic Plan by illustrating progress using the above figure, which shows that c. 75% of the actions required had been taken in the period up to October 2001.

7. UPDATE

Annual Report

Peter Bobrowsky's draft formed the basis for discussion.

The Committee AGREED to proceed with the production of an Annual Report. Members are invited to give comments on the draft to Peter Bobrowsky by e-mail.

8. VENUES AND DATES OF FUTURE EXECUTIVE COMMITTEE MEETINGS

8.a. New Zealand

Ian Speden indicated that participants should arrive in Auckland by 20th February, prior to the four-day field trip by 20.2. The EC meeting will be held at the Institute of Geological and Nuclear Sciences at Lower Hutt near Wellington the following week (25th February – 1st March). Participants may depart on Saturday 2nd March. Ian needs to have a response from participants by 1st December.

8.b. Namibia

The invitation to hold the 2003 EC meeting in Namibia has been confirmed.

8.c. Norway

An invitation has been received from the Norwegian National Committee to hold the 2004 EC meeting in Norway.

9. OTHER BUSINESS

9.a. World Summit on Sustainable Development (WSSD)

Ed de Mulder reported that IUGS is not on list of Unions proposed by ICSU for the core group in charge of drafting a 16-page scientific report for involvement in the WSSD: this is regrettable and the Union is now trying to become involved. Isaac Nyambok pointed out that several topics which will be important at the WSSD involve geological knowledge, e.g. natural hazards, groundwater.

The Committee AGREED that it was important for the Union to be involved in WSSD. Ed de Mulder and Isaac Nyambok were charged with responsibility for this and were also given a mandate to involve the National Committees.

9.b. IUGS compass

Tadashi Sato reported on his contacts with a manufacturer who is prepared to produce compasses imprinted with the IUGS logo at a price of USD 5/compass. There followed a discussion on the merits of the current logo.

The Committee APPROVED Tadashi Sato's proposal and asked him to negotiate a proposal for manufacture of 1000 compasses (diam. 2.75 cm), the final decision to be made at the EC meeting in New Zealand.

The Committee AGREED to replace the IUGS logo with one, which would express the fact that we consider ourselves as guardians of the planet Earth. A competition will be organised among the Commissions, the NCs and associated and affiliated members of IUGS. Selection of the winner should take place during the meeting of the EC in New Zealand.

9.c. Acknowledgement to Ministry of Land and Resources

Ed de Mulder expressed the warm thanks of the Executive Committee to the Ministry of Land and Resources for their hospitality, for a memorable excursion on the Chiang-Jang and visit to the Three Gorges Dam and for making all the practical arrangements for the meeting. He presented Director Zhang with a dragon made from Austrian crystal as a token of the Executive Committee's appreciation.

The 49th session of the Executive Committee closed at 1830 on Thursday 27th September 2001.

INTERNATIONAL UNION OF GEOLOGICAL SCIENCES

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BUDGET 2001

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OVERVIEW

Details

Detailed BUDGET+PREVISIONS 2001
(in US dollars)

	Budget 2001
INCOME	
Memberships	256 000.00
Associate Membership dues	7 350.00
IGCP Program	175 000.00
UNESCO	100 000.00
US Contribution	75 000.00
UNESCO - Other Programs	22 000.00
DMP (Deposit Modeling)	9 000.00
GARS (Remote Sensing)	10 000.00
Episodes Diss.devlp.countries	3 000.00
ICSU Programs	15 000.00
Co-IGCP	10 000.00
Block grant	5 000.00
Other income	25 150.00
Grants / Donations	
Income through Publications	500.00
Miscellaneous Receipts	
Bank Interest/Dividends	24 000.00
Gain on Exchange	650.00
TOTAL INCOME	500 500.00

UNESCO	100 000.00	100 000.00
US contribution	75 000.00	
IUGS	20 000.00	
Other Programs		
DMP-Deposit Modeling		15 000.00
UNESCO	9 000.00	
IUGS	6 000.00	
GARS-Remote Sensing		15 000.00
UNESCO	10 000.00	
IUGS	5 000.00	
EPISODES : Dissemin.devlp.countries		
UNESCO		3 000.00
Co-IGCP		18 000.00
ICSU	10 000.00	
IUGS	3 000.00	
Init. Landslides	5 000.00	
IUGS Commissions		57 000.00
COGEOENVIRONMENT	10 000.00	
COGEOINFO	1 000.00	
COMTEC (Tectonics)	2 000.00	
CSP (Systematics Petrology)	2 000.00	
ICS (Stratigraphy)	35 000.00	
INHIGEO (Hist. Geol. Sci.)	3 000.00	
Education	2 000.00	
Global Sed.	2 000.00	
IUGS Working Group Geosites		8 000.00
Geosites	3 000.00	
Fossil Fuels	5 000.00	
Committees		3 000.00
CP (Publications)	3 000.00	
Proposal Policy		55 000.00
ICS	10 000.00	
Ge indicators	5 000.00	
Climate Change	15 000.00	
Urban Geology	20 000.00	
IMA	0.00	
Reserve	5 000.00	
Strategic Planning Implementation		35 000.00
ICSU Commission on Lithosphere (SCL)		20 000.00
Affiliated organizations		7 500.00
AGID	1 000.00	
AGA	1 000.00	
CGMW (Geol.Map of the World)	2 500.00	
GSA (Geol. Society of Africa)	3 000.00	
Contributions		11 500.00
ICSU	9 500.00	
Operating Costs/Supplies	2 000.00	
Other expenses		40 000.00
Routine Meetings	30 000.00	
Represent. Scientific Meetings	3 000.00	
Miscellaneous Expenses	500.00	
Bank Charges	3 500.00	
Loss on Exchange Parities	3 000.00	
Episodes		23 000.00
Website		1 000.00
Contingency		30 000.00
TOTAL EXPENSES		537 000.00
Transferto/from reserve		-36 500.00
TOTAL		500 500.00

MEMBERSHIPS 2001

Category	Budget 2001
8	88 200.00
7	88 200.00
6	
5	10 080.00
4	17 640.00
3	25 200.00
2	13 440.00
1	13 020.00
Total	255 780.00

ASSOCIATE MEMBERS

Category	Budget 2001
A	5 250.00
B	2 100.00
Total	7 350.00

INTERNATIONAL UNION OF GEOLOGICAL SCIENCES

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BUDGET Prevision 2002 Comparison 2000 and 2001

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OVERVIEW

	Budget 2002	Budget 2001	Previsions 2000
INCOME			
Memberships	275 800	263 350	247 000
Member countries	268 000	256 000	241 000
Associates	7 800	7 350	6 000
IGCP Programme	175 000	175 000	174 100
UNESCO	100 000	100 000	99 100
US Contribution	75 000	75 000	75 000
Other Programmes	67 000	37 000	19 000
UNESCO	22 000	22 000	12 000
ICSU	45 000	15 000	7 000
Other income	28 000	25 150	55 105
TOTAL INCOME	545 800	500 500	495 205
EXPENSES			
IGCP	195 000	195 000	186 800
UNESCO	100 000	100 000	100 800
US	75 000	75 000	68 750
IUGS	20 000	20 000	17 250
Other Programmes	51 000	51 000	28 000
DMP (Deposit Modeling)	15 000	15 000	15 000
GARS (Remote Sensing)	15 000	15 000	
Dissemination EPISODES	3 000	3 000	3 000
ICSU C0-IGCP	13 000	13 000	10 000
Init. Landslides	5 000	5 000	
IUGS Commiss., WG, Committ.	68 000	68 000	86 216
Commissions	57 000	57 000	47 000
Working Groups	8 000	8 000	8 000
Committees	3 000	3 000	1 216
Proposal Policy	90 000	55 000	30 000
Strategic Planning Implementation	35 000	35 000	759
ICSU Comm.on Lithosphere (SCL)	20 000	20 000	20 000
Affiliates	7 500	7 500	6 500
Hutchison Fund			5 000
Contributions	11 500	11 500	10 614
Other expenses	40 000	40 000	30 261
IUGS Episodes 2001	23 000	23 000	23 000
Website	10 000	1 000	
Contingency	30 000	30 000	13 240
Expenses	581 000	537 000	410 390
Transfer to/from reserve account	-35 200	-36 500	84 815
TOTAL EXPENSES	545 800	500 500	495 205

Appendix 2: Main Activities of the IUGS Secretariat in Trondheim, 30 March through 20 September, 2001

Strategic Action Plan

- Sent out Draft of the Strategic Action Plan on 2 May 2001;
- (Task Group 11 Action b.) Summarized responses from National Committees to Cook's 1999 Questionnaire
- Began process of assembling documents pertaining to completion of SAP Tasks

Episodes

- Assisted Episodes with the IUGS directory (March 2001 Issue Volume 24, No. 1) and compiled Episodes Subscription List;
- Produced highlights of the IUGS Executive Meeting in Hyderabad (March 2001 Issue Volume 24, No. 1);
- Discussed advertisement of Stratigraphic Chart in September issue of Episodes; shipping charges chart was the only amendment.

Publications

- Prepared inventory of IUGS Publications and distributed to Committee for Publications. Found storage facility for remainder of publications that could not be housed at NGU (7 sq. m.);
- Sold USD \$950.00 (total incl. shipping charges) of publications, including the Stratigraphic Chart;
- Distributed Stratigraphic Charts: Approx. 200 copies to Ed de Mulder and 500 copies to Cadet for the CGMW booth (12 March, 2001) for EUG Meeting. Delivered 21 copies to Dr. Caldwell with stickers and 50 to Dr. Al-Hashimi. Printed and applied stickers with ISBN to Dr. Caldwell's specifications;
- Sold total of 53 copies of chart (\$340 in sales: *price per copy was reduced to \$5.00 after Washington Bureau Meeting*). Charged most of summer sales to Credit Card account held in USA, and will continue doing so with all current and future orders for IUGS Publications;
- Prepared new advertisement (see A5 leaflet: front and back) with ordering information and shipping costs for Stratigraphic Chart

IGCP

- Sent letter "Nominations for IGCP Scientific Board" to all IUGS and IGCP National Committees via e-mail, regular mail, and fax (220 letters, June 27, 2001). Responded to inquiries regarding this position and received 38 new nominations from 22 countries for the five vacancies in three Working Groups;
- Compiled all IGCP Board Nominations and CV received by fax, regular mail and e-mail, which have been sorted by alphabetically and by working groups and into three new folders and copies – forwarded to IUGS extended Bureau (delivered to post office for special delivery service September 7);
- Sent letters "2001 Allocation to IGCP Projects" and attached Financial Statement and Meeting Report Forms to about 40 IGCP Co-leaders. Commenced process of retrieving 2001 Financial Statement and Meeting Statement forms for the total of 27 IGCP co-projects. Received few IGCP Meeting Plans (3) to date and have received financial statements (partial) and meeting reports for projects IGCP 410 and 420;
- Maintained contact with IUGS Treasurer and IGCP Secretariat regarding payments made and contract deadlines.

General Communication to IUGS Bodies

- Sent letter “Nominations for IUGS Secretary General” to all IUGS Adhering Bodies, Commissions and Affiliated Organizations via e-mail, regular mail, and fax (22 March 2001). Responded to inquiries regarding this position;
- Updated IUGS Directory (forwarded electronic version to extended Bureau) August 12 and 32 updates have been made since that date;
- Requested updated addresses and members from all affiliates, working groups and commissions (late August) and received very good response! Plan to update website searchable directory (all IUGS related people); <http://iugssecretariat@ngu.no> has not been updated since Feb. 2000;
- Prepared and distributed Hyderabad and Rio EC Minutes. Distributed these documents to all IUGS groups by mail and to Dr. Aaron electronically for the Website;
- Prepared and distributed Vienna and Washington Bureau minutes (regular mail and e-mail);
- Entered 850 items into IUGS Secretariat Journal of Incoming Mail 2001 (database).

Commissions, Working Groups, Affiliated Organizations

- Sent out “letters of thanks” to all these groups for the submission of the Annual Report for 2000 to IUGS. Indicated allocation amount when appropriate. Responded to inquiries regarding the transfer of funds (6 April) to those receiving allocations for 2001.
- Prepared and delivered by e-mail letters drafted with Attilio Boriani: *Request for 2001 Annual Report to IUGS* to all groups

Adhering Bodies

- Drafted letters to each Adhering Body who submitted a report in 2001. Received updated contacts for several adhering bodies;
- Forwarded hard copies of all IUGS 2000 annual reports to Russian National Committee
- Responded to all enquiries related to IGCP Scientific Board nomination, Secretary General nominations and contacts.
- Prepared and delivered by e-mail letters drafted with Attilio Boriani: *Request for 2001 Annual Report to IUGS*

Other

Assessed contents of IUGS Poster shown at IGC 2000 in Rio to be out-of-date (Primary Contact information)

CHIEF PROBLEMS

- High cost of Mailings - The cost of mailing out letters and publications is increasing (Doubled since Sept 1997). Surface mail services will be used whenever possible.
- National Committees without e-mail contact: Russia, does not have reliable servers. (*What can we use?*) Communication must go out in three forms (e-mail, fax and regular mail) to assure that all groups receive the messages from the Bureau and Executive Committee.
- Overloaded with multiple urgent requests from IUGS related individuals: please provide at least a week of warning!