



30th GENERAL ASSEMBLY

FAO, Rome, Italy
27-30 September 2011

DECISIONS

1. Welcome and Opening of the General Assembly

The formal opening of the Assembly took place in the evening of 27 September 2011 at the FAO Headquarters in Rome. It was attended by H.E. Giorgio Napolitano, President of the Italian Republic, and speeches were given by the Hon. Ms. Mariastella Gelmini, Minister of Education, University and Research, Professor Francesco Profumo, President of the Consiglio Nazionale delle Ricerche (CNR), Professor Ann Tutwiler, Deputy Director-General of FAO, and Professor Catherine Bréchignac, President of ICSU.

These were followed by an invited talk by the President's Guest Lecturer, Matthias Kleiner, President of the Deutsche Forschungsgemeinschaft (DFG), in the course of which he announced two projects that DFG would sponsor and organize jointly with ICSU.

- an international workshop on „Integrated Global Change Research: co-designing knowledge across scientific fields, national borders and user groups“, to be organized in Berlin in early 2012 by the German National Committee on Global Change Research, together with ICSU, the International Social Science Council (ISSC) and the Earth System Science Partnership (ESSP).
- three annual „DFG-ICSU-ISSC Young Scientist International Networking Conferences on Integrated Science“, each of which would, over a period of one week, enable young researchers to meet leading scientists in the field of global sustainability.

This evening event was followed by brief statements from key partners in the morning of 28 September:

- UNESCO Gretchen Kalonji, Assistant Director-General for Natural Sciences
- WMO Deon Terblanche, Co-Director: Research
- UNEP Achim Steiner, Executive Director, by video
- ISSC Olive Shisana, President
- TWAS Daniel Schaffer, Public Information Officer
- IAC Mohamed Hassan, Member, IAC Board
- IAP Mohamed Hassan, Member, Executive Director
- CAETS René Dändliker, President-elect
- WFEO Adel Al Kharafi, President

The List of Participants is attached as Annex 1.

2. Adoption of the Agenda

The Draft Agenda was initially circulated to Members in July 2010 and the Agenda included in the GA papers took account of comments received.

Decision

2.1 To adopt the Agenda.

3. Appointment of Resolutions Committee and Tellers

The following persons were appointed to the Resolutions Committee and as Tellers:

Resolutions Committee

Krishan Lal, India

Juri Engelbrecht, Estonia

Marie Therèse Flanagan, Ireland

Alberto Riccardi, IUGS

Tellers

Manuel Chenene, Mozambique

Sue Duckles, IUPHAR

Katalin Hajos, Hungary

Decision

3.1 To appoint the Resolutions Committee and Tellers.

4. Secretary-General's Report

The Report of the 29th General Assembly was approved by Members in February 2009 and subsequently posted on the ICSU website. The Executive Board oversees follow-up of the actions agreed by the Assembly.

The Secretary General highlighted some of the activities of the last three years, noting that these would be discussed elsewhere on the Agenda, and reported on interactions between the ICSU secretariat and members, as well as changes to the personnel and management of the ICSU Secretariat.

Decision

4.1 To note the Secretary General's report; and

4.2 to acknowledge the activities and achievements of the Executive Board and Secretariat.

5. Reports from Union and National Members' Fora

The discussions and decisions from the Union and National members Fora were presented to the GA.

The discussions afterwards focused on the following:

- The need to involve industry, whilst allowing the science community enough space to do its own research, as industry and the science community do not always have the same agenda.

- The role of ICSU in relation to „basic“ research
- The need for balance between organizational matters and science at the ICSU GA. While some felt that there was not enough science, others felt that this was a business meeting, not a science symposium. It was suggested that the mid-term inter-union meeting could be an occasion for scientific symposia.
- The general need for ICSU's profile to be raised throughout scientific circles and beyond.
- The need to involve young scientists more in ICSU activities, including the GA, and the need to make young people aware of ICSU activities. Suggestions included an ICSU prize for young scientists, inviting or co-funding young scientists to attend the ICSU GA as observers, mentoring of young scientists partly through the use of communication technologies, use of the regional offices to reach out to young people in the regions.
- The need for capacity building among young scientists, particularly in developing countries, and the need to address „brain drain“ after training.
- The generation gap, which was seen as a particular challenge for developing countries
- The need to address gender issues in a coherent way in ICSU activities.

Decision

5.1 To note the reports from the Unions and National Members Fora.

6. Implementation of the Strategic Plan 2006-2011

Progress in addressing specific priorities in the Strategic Plan 2006-2011 was presented by ICSU's Executive Director, Deliang Chen. The Strategic Plan focused on three areas: international research collaboration, science for policy, and the Universality of Science. In terms of research, a summary covering the last six years of reviews and scientific activities, including the Earth System Sustainability Initiative, was provided. This was followed by examples of how the Council served as an international voice for Science in the policy arena. The Universality of Science underpins all ICSU activities and the strategic decision to establish regional offices had increased ICSU's capacity in developing countries and strengthened links with Members. In addition, ICSU had been placing an increased emphasis on ensuring access to data and information.

At the end of the presentation Catherine Brechignac thanked the Executive Director for his service over the past three years. The discussion with participants touched upon how to assess the impact of the first Strategic Plan, the foresight exercise, a future office in the Middle East, and nanotechnology. The Director stressed that all of these activities would have to be done with the input and participation of Members and partners. There was general agreement that having a Strategic Plan has been critical in guiding ICSU activities and a new Plan would be essential for the future.

Decision

6.1 To note the overall progress in implementing the Strategic Plan 2006-2011.

7. Invited Science Lecture

Johan Rockström gave a lecture on *“Human Development in the Anthropocene”*. In his introduction, he stressed the sense of urgency and our Sisyphean dilemma; humanity was at a planetary saturation point; the need for a new framework for human development in

the Anthropocene, and; “tipping points” which could have a huge impact on global sustainability. The word Anthropocene denotes the new geological era in which humans actions are evident on the Earth system. The pace and scales of how humans are affecting critical indicators was shown graphically and the necessity to “bend these curves” was evident. Using these data and scientific concepts such as resilience, Professor Rockstrom presented the importance of establishing planetary boundaries as a way of exploring the safe operating space for humanity in the Anthropocene. He concluded by showing the Grand Challenges framework arising from the Earth System Visioning and stressing four points:

- global sustainability is now a prerequisite for poverty alleviation
- research should aim to predict risks of catastrophic thresholds in the Earth system
- research and technology are needed to help identify innovation pathways for a Grand Transformation to global sustainability, and
- the urgent need for planetary stewardship for human prosperity in the Anthropocene.

These points are to be addressed by the new Earth System Sustainability Initiative.

8. Earth System Sustainability Initiative (ESSI)

Following the decision of the 29th General Assembly, and in response to the reviews of Global Environmental Change (GEC) Programmes, ICSU established in 2009 a wide consultation to outline options for an overall framework for global environmental change research and its policy relevance. In line with the goals of the 2006-2011 Strategic Plan, the Earth System Visioning process, concluded in 2011, engaged the scientific community to explore options for a holistic strategy that would involve the full range of sciences and humanities and actively engage stakeholders and decision-makers.

The consultation, established in collaboration with the International Social Science Council (ISSC), led to the identification of the five Grand Challenges, key scientific questions for Earth system research for the next decade, already broadly accepted by the research community as well as funding agencies. Several meetings with lead scientists, sponsors and funders of the GEC programmes had discussed the Grand Challenges and the implications for existing and new institutional structures. It was recognized that a new overarching structure was needed for integrated research to respond effectively to these Grand Challenges, and that the current structures needed to evolve accordingly.

During the process, ICSU and ISSC developed a key partnership with the Belmont Forum, a high level body comprising some of the world’s main funders of environmental change research. All agreed that there were significant opportunities for convergence in developing the concept of a major new integrated research initiative. ICSU, ISSC and the Belmont Forum presented in a joint statement their intention to build an Alliance to establish a new 10-year Earth System Sustainability Initiative. In agreement with the strategy of the 2011-2017 Strategic Plan, the partnership was extended to those UN bodies who were engaged in GEC research and operational service provision (UNESCO, IOC, UNEP, UNU). WMO is an observer to the process.

In the context of the 2012-2017 Strategic Plan, the goals of the new initiative were to:

- deliver at global and regional scales the knowledge that societies need to effectively address global change while meeting economic and social goals, by answering the

most pressing questions the world needed answered in the context of securing human development in an era of rapidly escalating global environmental risks;

- coordinate and focus international scientific research to address the Challenges arising from the ICSU Visioning and Belmont Forum processes;
- engage a new generation of researchers in the social, economic, natural, health, and engineering sciences in global sustainability research.

Key criteria comprised: partnership between funders, scientists, users, service providers (co-design); strong regional nodes; a cutting-edge network structure; active engagement with decision-makers; and active engagement of the full range of disciplines.

A Transition Team was appointed by the Executive Board, after nominations from Members, consultations with partners and following recommendations of the CSPR. The Transition Team will lead the 18-month design and early implementation phase of the initiative, which began on 1st June 2011, until a permanent governing body is appointed. At its first meeting in June, the Transition Team agreed on its Terms of Reference and established three working groups to take the design phase forward. The main milestones and deliverables of the transition phase, presented to the Assembly, included the formulation of an implementation plan by November 2012, and the launch of the initiative in 2012 in two stages: at the Planet Under Pressure Conference (March), and at the „Rio +20“ UN Conference on Sustainable Development (June).

The discussion following the presentation highlighted the urgency of addressing Earth system sustainability research in an integrated way; the great opportunities arising from the new partnership established by ICSU in support of the initiative; and the importance of reinforcing communication and links between the initiative and ICSU Members, especially those working towards similar goals with their own communities.

An amendment was proposed by the GEC programmes but the Assembly voted in favour of the proposed decision, as reported below.

Decisions

In the context of the overall strategic Plan 2012-2017:

- 8.1 to establish a major new interdisciplinary research initiative of ten years“ duration on Earth System Sustainability, in collaboration with other partners of the Alliance; and
- 8.2 to recognize the initiative as an Interdisciplinary Body and request the Executive Board to implement the necessary governance and support structures, in collaboration with other partners of the Alliance.

9. Health and Wellbeing in the Changing Urban Environment

The completed science plan, *Health and Wellbeing in the changing urban environment: a systems analysis approach*, was presented by the Chair of the Planning Group, Landis MacKellar.

Human Health was identified in the first ICSU Strategic Plan. The goal was to ensure that health considerations were taken into account in the planning and execution of future activities by building on the relevant strengths of Scientific Unions and Interdisciplinary Bodies. Under the aegis of CSPR, a scoping exercise was conducted and reported to the 29th General Assembly, which decided that a Planning Group should develop a science plan for a new initiative on urban health and wellbeing.

The science plan was sent out to all Members and Interdisciplinary Bodies in draft form in December 2010 and the completed science plan incorporated the feedback from this process.

The science plan recognized the wealth of expertise within the ICSU family on various aspects of health research. It identified the scientific challenge of generating and communicating knowledge through the application of systems analysis so as to usefully inform policy choices based on the realities of the urban environment. System analysis was identified as the way to capture the complexity of the relationships and to reveal the determinants of urban health and wellbeing. The outcome was to provide an enhanced evidence base to inform policy and budget choices.

The Regional Office for Asia and the Pacific's work on health and wellbeing was presented by Indira Nath. The Office had convened a regional group of experts to consider how the global science plan could be implemented at the regional level. This highlighted the importance of using a systems analysis approach to address the complex cross cutting issues in particular.

Discussion following the presentations reinforced the need for knowledge and insights that were applicable in the real world and emphasised that there needed to be strong links to the policy community. A number of Unions expressed their support and signalled their interest in collaborating on this project and the need to link with all the Regional Offices was noted.

Decisions

In the context of the overall Strategic Plan 2012-2017:

- 9.1 to establish a new interdisciplinary research initiative of ten years duration on Urban Health and Wellbeing, in collaboration with other partners; and
- 9.2 to recognise the initiative as an Interdisciplinary Body and use the regional structures to ensure the necessary involvement of less developed countries.

10. Presentations by candidates for Officers

One candidate having had to withdraw at the last minute, the eight remaining candidates for election to positions as Officers gave brief presentations of their credentials and their vision for ICSU.

11. Polar Science

Three polar bodies were presented to the ICSU GA: SCAR (Scientific Committee on Antarctic Research) by Mike Sparrow, IASC (International Arctic Science Committee) by Volker Rachold and APECS (Association of Early Career Scientists) by Jenny Baeseman. Key issues and advances in polar research were highlighted in the shared presentation.

The discussion that followed focused on the following points:

- The need to archive data and make it available, partly through working with ICSU bodies such as the World Data System (WDS).
- The need for further coordinated observations and research, building on the momentum of IPY.
- The need for continuing collaboration and cooperation in the wake of the IPY.

- The need to engage with national governments.
- Adaptation of Arctic peoples to climate change, the need to engage Arctic peoples in research processes, to provide them with the information they need and to work with their traditional knowledge.
- The impressive organization and commitment of young people within polar programmes, as a potential model for other ICSU activities.
- The limitations of scientific influence on issues of governance in the Arctic, as the Arctic Ocean falls under the UN International Law of the Sea.
- The need to build links between research in the polar regions and research in the „third pole“ region of the Tibetan Plateau, as there are many similarities between their environments and the impacts of climate change.

Decision

In the context of the overall Strategic Plan 2012-2017:

- 11.1 to note the development of activities related to polar research;
- 11.2 to review the needs and mechanism for the future international coordination of polar research.

12. ICSU involvement in Observing Systems

On behalf of CSPR, ICSU's Deputy Director, Carthage Smith, presented an overview of the global observing systems that ICSU co-sponsors: climate (GCOS), ocean (GOOS) and terrestrial (GTOS). The Council's activities in relation to the Global Earth Observing System of Systems (GEOSS/GEO) were also elaborated. It was noted that ICSU bodies (e.g., COSPAR, CODATA, WDS and DIVERSITAS) are involved with several GEOSS components. CSPR was recommending a review to better assess ICSU's role in this area. This review was needed to respond to the urgency identified in the Grand Challenges and Belmont processes to further develop observation systems, including for socio-economic variables.

The discussion with the participants covered topics such as the WMO-led independent review of GCOS to occur in 2012, the need to determine exactly what variables to observe and how users will benefit, the desire to better coordinate Union activities within GEO, climate services, capacity building, and the importance of socio-economic data. The Deputy Director stressed that the links between observing systems and the WDS were an important area for development; linking data and data products is part of the WDS remit. The other issues raised by participants that had not already been addressed by ICSU would be part of the review.

Decisions

In the context of the overall Strategic Plan 2012-2017:

- 12.1 to work with the global observing systems and GEOSS in relation to the Grand Challenges and Earth System Sustainability Initiative;
- 12.2 to conduct a review of the role of ICSU in Earth observation systems.

13. Reports on New Initiatives

13.1 Integrated Research on Disaster Risk (IRDR)

At its 29th Session, the ICSU General Assembly decided to establish a major new interdisciplinary programme of ten years' duration entitled Integrated Research on Disaster Risk: the challenge of natural and human-induced environmental hazards (IRDR) in

collaboration with other international organizations, to recognize IRDR as an Interdisciplinary Body and establish a Scientific Committee for the programme. The Assembly also approved the setting up of an IRDR International Programme Office (IPO), subject to satisfactory negotiations with interested partners.

The International Social Science Council (ISSC) and the United Nations International Strategy for Disaster Reduction (UN-ISDR) both decided to join ICSU in co-sponsoring the IRDR programme.

The membership of the IRDR Scientific Committee (IRDR-SC) was established in the months that followed the General Assembly, and Gordon McBean (Canada) was invited by the three sponsors to be its Chair for the first two years. The Committee met for the first time on 12-13 May 2009, and had been convened five times in all to date.

Following a call to National Members inviting proposals to host the IPO within a national institution, the three cosponsors agreed to accept the generous offer of the China Association for Science and Technology (CAST) to locate the Office at the Center for Earth Observation and Digital Earth (CEODE) of the Chinese Academy of Sciences in Beijing. The Office opened on 1 June 2010, with the appointment of the IRDR Executive Director.

IRDR was encouraging the creation of National and Regional Committees to support and supplement IRDR's research initiatives, and help to establish or further develop crucial links between national disaster risk reduction programmes and activities within an international framework.

A limited number of IRDR International Centres of Excellence (ICoE) would be established to provide regional and research foci for IRDR, each ICoE research programme embodying an integrated approach to disaster risk reduction that would directly contribute to the IRDR Science Plan and its objectives. The first such ICoE has been established at the Academy of Sciences located in Taipei.

A first major event – an international conference entitled „Disaster Risk: Integrating Science and Practice“ – was being organized by IRDR and CAST in Beijing on 31 October–2 November 2011.

The Executive Director of IRDR, Jane Rovins, reported to the Assembly on the development of the IRDR programme, and described the main areas of research to be addressed. During the discussion that followed, expressions of support to IRDR were made. The importance of capacity-building was underlined, and it was confirmed that IRDR would concern itself with hazards and disasters of all size, not just the large-scale, extreme events. The regional plans on hazards and disasters developed by the ICSU Regional Offices were mentioned as complementary to IRDR, and the need for links to the intergovernmental community was stressed. The representative of UN-ISDR, a cosponsor of IRDR, made a statement to the Assembly.

Decision

In the context of the overall Strategic Plan 2012-2017:

13.1.1 to take note of the report on the development of IRDR.

13.2 Programme on Ecosystem Change and Society (PECS)

The Programme on Ecosystem Change and Society, a ten-year initiative approved at the 29th General Assembly, originated out of the follow-up to the Millennium Ecosystem Assessment and focused on the relationship between governance, ecosystem services and human wellbeing. The integration of natural and social sciences was at the core of its work.

PECS is co-sponsored by UNESCO and, following the 29th GA decision, a Scientific Committee was jointly agreed upon, with Steve Carpenter (USA) as its Chair. The Committee held its first meeting in June 2009 and had subsequently met twice. Following an open call to National Members, it was agreed that an International Programme Office be established at the Stockholm Resilience Centre (Sweden) in partnership with the Universiti Sains (Malaysia). The IPO became operational at the beginning of 2011.

PECS aims to complement the global change programmes of ICSU, respond to the Grand Challenges, and form part of the Earth Systems Sustainability Initiative. The results of the initiative should feed into the new Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES).

Biodiversity and ecosystems is a priority for Regional Offices for Asia and the Pacific and Latin America and the Caribbean and the two had an important role to play in promoting PECS at the regional level.

Lisa Schultz, a scientific staff member of the PECS IPO, described the development and early activities of PECS to the Assembly. In the short discussion that followed, emphasis was placed on the need for constant dialogue between the various interdisciplinary programmes of ICSU. Representatives of IGBP and DIVERSITAS expressed the readiness of their respective programmes to collaborate with PECS.

Decision

In the context of the overall Strategic Plan 2012-2017:

13.2.1 to note the progress in implementing the PECS initiative

14. Invited Science Lecture

Werner Arber, past President of ICSU gave a lecture on “*Updated scientific knowledge on biological evolution*”. This focused on microbial genetic recombination and genetic evolution.

15. Science for Policy

15.1 Commission on Sustainable Development (CSD) and UN Conference on Sustainable Development 2012 (Rio+20)

The Commission on Sustainable Development (CSD) and Rio+20 were presented by Alice Abreu, and ICSU’s activities for both were explained.

The discussion that followed focused on:

- The need for urgent action on sustainable development, and to assess why there had been little progress so far.

- The need to work with industry and to make „green“ solutions financially appealing to industry. It was also noted that industry is not opposed to regulation, but that they do want a „level playing field“ in terms of regulation.
- The need to work with the social sciences to look at behavioural issues and consumption patterns.
- The importance of getting scientists involved in national delegations to Rio+20 in their own countries, as this is a key way of influencing the process that may be more effective than working at the international level.

Decisions

15.1.1 To note ICSU's activities for Rio+20; and

15.1.2 in conformity with ICSU's new Strategic Plan 2012-2017, to commit to ICSU being involved in the Rio+20 Conference and its follow-up, including possible involvement in the work of a revamped CSD.

15.2 Intergovernmental science-policy Platform on Biodiversity and Ecosystem Services (IPBES)

The development of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) was presented to the GA by Anne Larigauderie, who had been appointed ICSU coordinator for IPBES.

The discussion that followed focused on the following:

- The key role and hard work performed by DIVERSITAS.
- The need to connect this process with other communities, such as those involved in natural disasters and climate change.
- The need to involve Unions in the scientific input into IPBES.
- The nature of research within the IPBES exercise; it was confirmed that IPBES would not undertake new research, but would synthesise existing research.

Decision

In the context of the overall Strategic Plan 2012-2017:

15.2.1 to work with partners to ensure the place of science in the IPBES structure and to provide scientific input to IPBES.

16. Committee on Freedom and Responsibility in the conduct of Science (CFRS)

The Committee on Freedom and Responsibility in the conduct of Science was established in 2006, coupling in its work the remit for safeguarding scientific freedoms to analysis and advice on scientific responsibilities. At the 29th General Assembly, the first CFRS work plan for the period 2009-2011 was approved. The CFRS Chair, Bengt Gustafsson, now presented the report on the activities undertaken to implement this.

The CFRS Chair expressed his thanks to the Swiss Academy of Sciences for having hosted the CFRS Secretariat since October 2010, this generous support enabling implementation of the committee's ambitious work plan.

In introducing the CFRS future work plan for 2012-2014, the CFRS Chair indicated that this was a continuation of the previous work for the most part, since more than half of the committee's members and its chair would be replaced in 2012, thus leaving them room for new initiatives.

A key element of the committee's work over the past 3 years has been an analysis of the Principle of Universality, enshrined in ICSU's Statute 5. As a result, CFRS proposed a revised wording of this Statute so that it explicitly included responsibilities as well as freedoms. A draft of these revisions was sent to all Members for consideration in December 2010. The final wording, which had been considered and was recommended for approval by the Executive Board, took into account all the inputs to this consultation.

There was an animated debate on the proposed re-wording of Statute 5, including its title and some of the wording. To overcome the impasse that arose, an *ad hoc* working group composed of 7 people was set up to review the wording. The proposal to the Assembly the following day contained minimal changes, and nothing of essence was removed. The Assembly endorsed this new wording unanimously. It now includes explicit reference to responsibilities with regard to the conduct and communication of science. By embracing this change, all ICSU Member organizations agree to uphold and promote these responsibilities:

The Principle of Universality (freedom and responsibility) of Science: the free and responsible practice of science is fundamental to scientific advancement and human and environmental well-being. Such practice, in all its aspects, requires freedom of movement, association, expression and communication for scientists, as well as equitable access to data, information, and other resources for research. It requires responsibility at all levels to carry out and communicate scientific work with integrity, respect, fairness, trustworthiness, and transparency, recognising its benefits and possible harms.

In advocating the free and responsible practice of science, ICSU promotes equitable opportunities for access to science and its benefits, and opposes discrimination based on such factors as ethnic origin, religion, citizenship, language, political or other opinion, sex, gender identity, sexual orientation, disability, or age.

This decision found coverage in an article in SciDev.net.¹

Decisions

In the context of the overall Strategic Plan 2012-2017:

- 16.1 to note the report on CFRS activities and endorse the committee's work plan for 2012-2014; and
- 16.2 to approve the revised wording of Statute 5 (see Annex 2).

17. Science Education Review

The ICSU Strategic Plan 2006-2011 foresaw the establishment of an *ad-hoc* group to "... define ICSU's future role in relation to science education" and contribute towards the development of ICSU's strategy for 2012 onwards. The Terms of Reference and process

¹ <http://www.scidev.net/en/science-and-innovation-policy/research-ethics/news/scientists-accept-need-to-act-responsibly-1.html>

for such a review were agreed upon by the CSPR at its 17th meeting and the *Ad-hoc* Review Panel on Science Education (RPSE) duly appointed at the 18th meeting in September 2009.

The twelve-member RPSE met three times in Paris, held extensive discussions, and worked on the text of its report to the CSPR. During the course of 2010 it consulted ICSU Members, Committees, Interdisciplinary Bodies and Joint Initiatives and Associates on two occasions; on the first, a questionnaire was sent out seeking information on the science education activities of individual members or bodies, as well as views on the role that ICSU itself might play in this field in the future; on the second, the draft of the Panel's Report was dispatched with an invitation to Members to comment on both text and recommendations.

The final Report was presented by the Panel's Chair, Roberta Johnson, to the CSPR at its 21st Meeting. On the understanding that certain modifications would be made to the text in the light of its own discussions, the CSPR decided to endorse the report and its recommendations.

At its 104th Meeting, the Executive Board expressed its appreciation for what it felt was an excellent report but, after much discussion, decided not to propose a new initiative dedicated to science education at the General Assembly. Rather, it was agreed that science education should be integrated across all relevant ICSU science activities.

Roberta Johnson, Chair of the *Ad-hoc* RPSE, presented the Report and the views of the Panel thereon to the General Assembly. During the course of the discussion that followed, Roberta Johnson confirmed that the Panel had considered science education across all disciplines and in both formal and informal settings. It had not been the intention of the Group to propose an additional member of the Secretariat exclusively to carry out the activities proposed, and the guidance mechanism suggested had been a light one. The organizer of the host organization's Science and Society Day described a motion of support for the Panel's recommendations on behalf of the European group of National Members. In the light of the positive experience gained with the educational component of IPY, the Assembly decided to endorse the decision proposed by the Executive Board.

Decisions

In the context of the overall Strategic Plan 2012-2017:

- 17.1 to work with Union and National Members to facilitate the interaction between scientists and educators;
- 17.2 To actively promote science education activities within the context of existing and new interdisciplinary initiatives, in particular the Earth System Sustainability Initiative.

18. Strategic Coordination for Information and Data

Roberta Balstad, member of the CSPR, presented the main recommendations from the report of the ad hoc Strategic Coordination Committee on Information and Data (SCCID) and presented her vision of the steps ahead and how ICSU might take forward the recommendations from SCCID.

The presentation was followed by questions and comments from the Assembly on various issues including data quality and the evaluation of datasets; the need for a culture change in the academic world and for better recognition of the importance of data; the huge work ahead of ICSU.

Decisions

- 18.1 To endorse the recommendations from the SCCID report;
- 18.2 to request the Executive Board to consult with Members and to take forward the relevant recommendations from the SCCID report; and
- 18.3 to review the ICSU Committee on Data and for Science and Technology (CODATA) in 2012-2013.

19. Report on the World Data System (WDS)

Bernard Minster, the Chair of the WDS Scientific Committee, reported to the General Assembly on progress in establishing the WDS Agreement had been reached on the establishment of an International Programme Office at the National Institute of Information and Communications in Tokyo.

The presentation was followed by questions and comments from the Assembly regarding various aspects of the WDS. The issue of copyright in the context of data publication was raised, as well as the question of small datasets and how to handle them. The data sharing aspects were also raised and the question of how the ICSU WDS could play a role in improving access. The Science Council of Japan also made a statement to reaffirm its support for the establishment and sustained operations of the WDS International Programme Office.

Decision

- 19.1 To consolidate and expand the ICSU World Data System.

20. Regional Offices

The Chair of the ICSU Committee on Scientific Planning and Review (CSPR) presented an overview of the Regional Offices, emphasising several areas, including linkages to UN organizations in the regions, the integration of new ICSU National Members, capacity building, the development of a database and the integration of regional and global activities.

The Director of the ICSU Regional Office for Asia and the Pacific presented a conceptual model of ICSU in Asia and the Pacific, which could be extrapolated to the other regions..

This was followed by three year progress reports from the Directors of the Regional Offices for Africa (ROA), Asia and the Pacific (ROAP), and Latin America and the Caribbean (ROLAC).

Cheryl de la Rey presented a summary of the reviews of the three Regional Offices and the subsequent overall analysis and recommendations from CSPR. This addressed both the structure and function of the Offices and also concluded that the Policy Committee on Developing Countries, which had been in abeyance since the 29th General Assembly, should now be formally disbanded.

The good progress of the three Regional Offices was welcomed by the meeting participants and the interaction between the Regional Offices was appreciated. It was stressed that the Regional Offices should identify issues of specific importance for the region and tailor solutions to the regions.

It was stressed that Regional Offices should respond to the results of the reviews and work closely with countries in the region to implement their science plans. Regional Offices should collaborate closely with the Unions, with governments and with other regional institutions. They should interact closely with ICSU's interdisciplinary bodies in implementing the relevant global and regional science plans.

Decisions

Within the context of the overall Strategic Plan 2012-2017:

- 20.1 to note the reports on the activities of the Regional Offices;
- 20.2 to thank the host organizations for their generous support to the Offices and work with them and other partners to strengthen the activities of the Offices;
- 20.3 to strengthen the links between the ICSU Offices, Unions and Interdisciplinary Bodies, using the grant programme as one mechanism to achieve this;
- 20.4 to note the reviews of the Regional Offices and the measures that have been taken in response to those reviews;
- 20.5 to formally disband the Policy Committee on Developing Countries (PCDC) and revise the Statutes accordingly (see Annex 2).

21. Strategic Plan 2012-2017

ICSU's Vice-President for Scientific Planning and Review, Kari Raivio, presented the ICSU Strategic Plan for 2012-2017, in which the ICSU vision remained unchanged but specific activities over the next six years would evolve. Before the drafting of the Plan began there was extensive consultation with the ICSU community, partners, and stakeholders, and a foresight study on the long-term prospects of international research collaboration was initiated. Some of the meta-challenges for the Council included integration (global-regional, disciplinary perspectives, and institutional structures) and keeping the best scientists involved in ICSU activities through the help of Members. Specific items to be developed were: addressing research in selected priority areas, development of new research initiatives (*e.g.*, in the areas of energy and nanotechnology), having a stronger science policy voice, ensuring the principle of Universality, further strengthening membership, assessing what structures best addressed the priority areas, and increasing resources for ICSU activities. The question of value for money was evoked in the context of a planned external review of ICSU, the findings of which are expected to be presented at the next General Assembly in 2014.

In the discussion a variety of topics were touched upon. It was noted that ICSU did not always receive the recognition it deserved and was not as visible as it could be; it was suggested that the external review assess the Council's impact. A stronger presence at the OECD Global Science Forum was recommended as another avenue to increase ICSU's influence, network and visibility. In terms of science education and ensuring a policy impact, the need to further increase scientific literacy among decisions makers was emphasized.

Decisions

- 21.1 To approve the ICSU Strategic Plan 2012-2017; and
- 21.2 to commission an independent assessment of ICSU to report to the General Assembly in 2014.

22. Election of Officers

The final list of nominations for Officers consisting of the Nominating Committee's slate and one resubmission was sent to Members in September. No new submissions were received.

Ordinary Members were elected under Agenda Item 25.

Decision

- 22.1 To elect Gordon McBean (President-Elect), Malegapuru William Makgoba (Vice-President for Scientific Planning and Review), Sergio Pastrana (Vice-President for External Relations), David Black (Secretary-General), and Hans-Rudolf Ott (Treasurer) (see Annex 3).

23. Reports of the Treasurer and Chairman of the Committee on Finance

Hans-Rudolf Ott and Bryan Henry presented the ICSU Finances, 2009-2011.

ICSU's finances were the responsibility of the Treasurer, who worked closely with the Secretariat in Paris and was assisted by the Committee on Finance (CF), which was a sub-committee of the Executive Board and met twice a year. The prepared annual accounts were verified by an external auditor and, since 2006, they had been subject to approval in an electronic General Assembly that was held in June each year. According to the ICSU Statutes 50% of each Member category – National and Union Members – must vote for this Assembly to be valid, although this was not a legal requirement in France. In practice, it was very difficult to comply with the current statutory requirement and obtain a quorum each year. It was thus proposed that the Rules of Procedure 4.1 be changed specifically with regard to approval by Members of the audited annual accounts. Members were also invited to reappoint the current external auditor, Pierre Godet, who had been objective and constructively critical when necessary, in his assessment of the ICSU accounts and financial management practices over the past 6 years.

In addition to its operational funds, ICSU had a statutory reserve, the level of which was set at €1.5M. This amount was managed in a mixed investment portfolio. Over the past 3 years the financial markets had been particularly volatile and the Treasurer reported on the measures that had been taken to minimise the risk on this portfolio.

During the discussion, the Treasurer responded to questions with regard to the investment advice that ICSU received from its bank. He also clarified the difference between the statutory reserve and the General Fund.

Decisions

- 23.1 To note the report from the CF Chairman;
 23.2 to re-appoint Pierre Godet as the external auditor for ICSU for 2012-2017;
 23.3 to change the Rule of Procedure 4.1 on voting for electronic General Assemblies (see Annex 2);
 23.4 to note the report of the Treasurer and discharge him from any liability for the period 2009-2011.

Hans-Rudolf Ott presented the Budget and dues for 2012 and for 2013-2015.

A change to the ICSU dues structure was agreed at the 29th General Assembly and would become operational in 2012. Members were provided with precise information at the end of 2010 on what their expected dues would be for 2012 (an indication of the approximate levels was given at the 29th GA). The outline budgets for 2013-2015 were prepared with the Committee on Finance and approved by the Executive Board. These included a 3% annual increase in dues income. These outline budgets were „conservative“ in that only income that was reasonably assured was included and expenditure was balanced against this income. Not all expenditure was allocated to specific projects as this depended on decisions at the present Assembly and the subsequent preparation of detailed implementation plans. However, it was clear that, in addition to the support from Members, external funding would be required in 2014 and 2015 in order to implement the full programme of ICSU activities. Over recent years considerable success had been achieved in attracting funds for specific projects and efforts in this direction would be strengthened during the period of the 2nd Strategic Plan (see section 5.6 of the Strategic Plan 2012-2017).

The Treasurer answered several questions about the grants programme, for which a small increase in funding was proposed.

Decisions

- 23.5 to note the budget and dues for 2012;
- 23.6 to approve the outline budgets, as proposed by the Executive Board, for the period, 2013-2015, including an increase of 3% *per annum* for membership dues (see Annex 4).

24. Report on Weighted Voting

Hans-Rudolf Ott presented the report on Weighted Voting.

Further to a request made by some National Members at the last Assembly, the Executive Board established an *Ad hoc* Group to consider the issue of weighted voting. This Group met in May 2010 and its Report was sent to Members in July of that year. The responses from Members and the *Ad hoc* Group's Report were considered by the Executive Board and the Treasurer informed Members of the Board's recommendations in his letter of 30 March 2011.

In the discussion that followed the presentation some members were worried that this measure would accentuate the divide between different National Members on the basis of wealth; others emphasised the importance of being able to justify their financial contribution to their respective governments, in the current economic situation of national budget cuts.

The Treasurer emphasised that this measure would apply to financial issues only.

Separate votes were taken on the proposal for weighted voting and the amendment to the relevant statute 22 a).

Decision

- 24.1 To agree to weighted voting on financial issues only, *i.e.* approval of annual audited accounts, level of dues and overall budgets; and
- 24.2 to amend Statute 22 a) accordingly (see Annex 2).

25. Election of Ordinary Members of Executive Board

The slates of nominations from the International Scientific Unions and the National Scientific Members were posted in the morning of Wednesday, 28 September.

Decision

- 22.1 To elect four Ordinary Members of the Executive Board from the International Scientific Unions (Orhan Altan, Maria Carla Galavotti, Dov Jaron, and Kennedy Reed) and four Ordinary Members from the National Scientific Members (John Ball, Luiz Davidovich, Nicole Moreau, and Guoxiong Wu) (see Annex 3).

26. Proposals for new ICSU Members

One application for Scientific Union membership in ICSU was presented to the Assembly for consideration from the International Sociological Association (ISA).

In accordance with Rule of Procedure 8.2 c) the Executive Board had examined this application, and recommended its consideration by the GA, subject to the requisite support letters having been received by the time the Assembly met. These had been received, as had letters from two Members not in favour of admission.

The Chair of the Assembly invited a representative of ISA to comment. Alberto Martinelli, Past President of ISA, gave a brief presentation of the Association and detailed its reasons for wishing to join ICSU. This was followed by a short discussion.

Decision

- 26.1 To admit ISA as an International Scientific Union Member.

27. Adoption of Resolutions of the General Assembly

The Chair of the Resolutions Committee indicated that one proposed resolution had been received from IUGG but that it did not fulfil the guidelines for such resolutions, that is to say that it should be related to an item already on the GA agenda and that it should have been the subject of discussion during the Assembly. A revised version of the proposed resolution by IUGG was also considered by the Committee, which made the unanimous decision to reject it, since although the subject had been raised during the Assembly, there had not been any discussion of what was potentially a very substantive commitment.

IUGG expressed its disappointment that the Assembly would not be considering its proposed resolution, which it considered to be an urgent issue that could not wait until the next GA. There was a motion from the floor, which was seconded, to vote first on whether to receive the resolution or not and then on whether to adopt it or not.

After the resolution was received, it was briefly presented by IUGG and there was some discussion. The Chair suggested that the resolution should be sent to the Executive Board for consideration. This idea was supported by the majority of Members.

Decision

- 27.1 To consider the resolution proposed by IUGG on disaster risk; and
27.2 to refer full consideration of the substance of the resolution proposed by IUGG to the Executive Board.

28. Incoming Presidential Address

Yuan Tseh Lee, who assumed the Presidency of ICSU at the end of the Assembly, gave his Presidential Address in which he emphasised the urgent need to reorient and transform our application of science and technology towards global sustainability.

29. Date and Place of 31st and 32nd General Assemblies

The 31st General Assembly of ICSU will be held from 28 August to 3 September 2014 in New Zealand at the kind invitation of the Royal Society of New Zealand (RSNZ). The Chief Executive of the RSNZ, Dianne McCarthy, made a short presentation.

At the 28th General Assembly Members of ICSU had agreed on the need to meet in different regions of the world"; and also agreed that a six-year planning horizon for General Assemblies was desirable. Members were therefore invited to submit invitations to host the 32nd General Assembly in 2017 and a call with details of what is required would be sent to Members after the Assembly.

Since 1990 ICSU has held General Assemblies in the following locations:

30 th GA	Rome, Italy	September 2011
29 th GA	Maputo, Mozambique	October 2008
28 th GA	Suzhou/Shanghai, China	October 2005
27 th GA	Rio de Janeiro, Brazil	September 2002
26 th GA	Cairo, Egypt	September 1999
25 th GA	Washington DC, USA	September 1996
24 th GA	Santiago, Chile	October 1993
23 rd GA	Sofia, Bulgaria	October 1990

Decision

29.1 To note that invitations to host the 32nd General Assembly in 2017 are sought.

30. Any Other Authorized Business

There being no other authorized business, the President closed the Assembly at 18:00 on Friday, 30 September 2011.

Annexes

Annex 1	List of Participants
Annex 2	Revised Statutes and Rules of Procedure
Annex 3	Members of Executive Board 2011-2014
Annex 4	Outline budgets 2013-2015

30th GENERAL ASSEMBLY of ICSU

Address List of Participants

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STATUTES AND RULES OF PROCEDURE

As modified by decisions taken at the 30th Session of the General Assembly of ICSU
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STATUTES

I. DENOMINATION AND DOMICILE

1. ICSU: The International Council for Science, hereinafter called "**ICSU**", is an international non-governmental and non-profit making scientific organization.
2. The International Council of Scientific Unions (ICSU) was created, following the dissolution of the International Research Council, in Brussels in 1931 where it had its first legal domicile. The name of the Council was changed to ICSU: The International Council for Science at an Extraordinary General Assembly in 1998, but the acronym ICSU has been maintained. The present legal domicile of ICSU is in Paris, France, where its Secretariat is located.

II. OBJECTIVES

3. The principal objectives of ICSU are:
 - a) to encourage and promote international scientific and technological activity for the benefit and well-being of humanity;
 - b) to facilitate coordination of the international scientific activities of its Scientific Union Members (see Statute 7) and of its National* Scientific Members (see Statute 8);
 - c) to stimulate, design, coordinate or participate in the implementation of international interdisciplinary scientific programmes;
 - d) to act as a consultative body on scientific issues that have an international dimension;
 - e) to encourage the strengthening of human and physical scientific resources world-wide with particular emphasis on the developing world;
 - f) to promote the public understanding of science;
 - g) to engage in any related activities.
4. In order to further the attainment of these objectives ICSU may, whenever appropriate:
 - a) enter, through the intermediary of the national adhering organizations, into relations with the governments of their respective countries in order to promote scientific research in these countries;
 - b) cooperate with the United Nations and its agencies, and with other international intergovernmental or non-governmental organizations;

*

The term "National" as used in these Statutes and Rules of Procedure has no connotation other than denoting a Member admitted under the provisions of Statute 8.

- c) provide, through suitable channels, information to interested parties and the public at large about progress in science and technology and its impact on society;
 - d) undertake actions to strengthen the well-being and effectiveness of science and scientists;
 - e) establish and promote programmes either within the ICSU family or in partnership with others.
5. The Principle of Universality (freedom and responsibility) of Science: the free and responsible practice of science is fundamental to scientific advancement and human and environmental well-being. Such practice, in all its aspects, requires freedom of movement, association, expression and communication for scientists, as well as equitable access to data, information, and other resources for research. It requires responsibility at all levels to carry out and communicate scientific work with integrity, respect, fairness, trustworthiness, and transparency, recognising its benefits and possible harms.

In advocating the free and responsible practice of science, ICSU promotes equitable opportunities for access to science and its benefits, and opposes discrimination based on such factors as ethnic origin, religion, citizenship, language, political or other opinion, sex, gender identity, sexual orientation, disability, or age.

III. MEMBERSHIP

6. Each Member has the obligation to support the objectives of ICSU, uphold the principle of the universality of science, and meet its financial obligations as appropriate. Members shall normally adhere to ICSU in either of two categories:
- a) Scientific Union Members,
 - b) National Scientific Members.
7. A Scientific Union Member shall be an international* non-governmental organization devoted to the promotion of activities in a particular area of science and shall have been in existence for at least 6 years.
8. A National Scientific Member shall be a scientific academy, research council, scientific institution or association of such institutions. Institutions effectively representing the range of scientific activities in a definite territory may be accepted as National Scientific Members, provided they can be listed under a name that will avoid any misunderstanding about the territory represented, and have been in existence in some form for at least 4 years.
9. The scientists of more than one nation may form a scientific body (academy, research council, etc.) for application as a National Scientific Member. No organization of scientists may adhere through more than one national membership.
10. Exceptionally, any other grouping of institutions acceptable to ICSU may be admitted to membership in category a) or b) on a case by case basis.

*

In these Statutes and Rules of Procedure, international bodies are taken to mean those bodies to which appropriate organizations in all countries of the world are eligible to adhere.

IV. ASSOCIATES

11. Each Associate has the obligation to support the objectives of ICSU, uphold the principle of the universality of science, and meet its financial obligations as appropriate. Associates shall adhere to ICSU in one of three categories:
- a) International Scientific Associates
 - b) Regional Scientific Associates
 - c) National Scientific Associates

Such bodies shall not have voting rights.

12. An International Scientific Associate shall be an international non-governmental organization in the natural sciences or an organization in a field cognate to those of ICSU, such as the humanistic, medical, social and technical sciences, whose association with ICSU is likely to be of mutual benefit or to advance the cause of science, and whose scientific activities do not fall primarily within the scope of a single Scientific Union Member. An International Scientific Associate shall have been in existence for at least 6 years.
13. A Regional Scientific Associate shall be a non-governmental Scientific Academy, Science Council, or other scientific institution, to which scientists or scientific bodies from more than one nation adhere, whose association with ICSU is likely to be of mutual benefit and will facilitate the attainment of ICSU's objectives, and whose scientific activities do not fall primarily within the scope of a single Scientific Union Member. A Regional Scientific Associate shall have been in existence for at least 6 years.
14. A National Scientific Associate shall be a scientific academy, research council or other comparable scientific organization that is potentially qualified, but not yet ready, for full national membership. National Scientific Associates shall normally be expected to apply for full membership after 6 years in this category.

V. OBSERVERS

15. A Member that has failed to fulfil its financial obligations (see Rule of Procedure 10.2) shall only have Observer status. Observers shall be expected to resume full membership in ICSU as soon as possible. Normally no Observer shall be allowed to remain so for more than 6 years. Observers shall not have voting rights.

VI. DECISION-MAKING BODIES

16. The decision-making bodies of ICSU shall be:
- a) The General Assembly
 - b) The Executive Board
 - c) The Officers
17. The composition and function of these bodies are defined in Sections VII, VIII and IX below.

VII. GENERAL ASSEMBLY

18. The General Assembly is the highest authority of ICSU and consists of the representatives of the Scientific Union Members and of the National Scientific Members. It shall, as appropriate and generally after recommendations from the Executive Board:

- a) determine general policy;
- b) review the day-to-day administration of ICSU as overseen by the Executive Board since the end of the previous ordinary session of the General Assembly;
- c) discharge the Treasurer from liability, set the scale of annual dues to be paid by Members and approve the draft budgetary outlines as proposed by the Executive Board for the ensuing period;
- d) examine and approve the audited accounts of ICSU annually by electronic or other means as appropriate;
- e) appoint a Commissaire aux Comptes (external auditor);
- f) initiate scientific programmes and decide on future priorities for scientific activities of ICSU, upon the recommendation of the Executive Board;
- g) establish whatever bodies it may deem necessary for the scientific, educational and administrative work of ICSU, taking into account any relevant recommendations of the Executive Board.
Such bodies shall be established initially for a specific period of time. Extensions of this period may be granted by the General Assembly as a result of reviews of their work.
- h) ratify the creation of bodies established by the Executive Board, subject to Statute 29. g), since the previous session of the General Assembly.
- i) examine, on both scientific and financial grounds, and in the light of the recommendations of the Executive Board, the work of any body created by ICSU, in the presence of appropriate representatives of the body concerned. When appropriate and where possible, it shall arrange for the transfer of its work to a more suitable organization;
- j) approve the dissolution of any ICSU-created body taking into account any relevant recommendations of the Executive Board;
- k) examine and decide on applications for Scientific Union Membership; and, in those cases that have not already been dealt with by the Executive Board, on applications for National Membership and Associate status. The Assembly should pay due attention to any relevant recommendations of the Executive Board;
- l) terminate, if it so decides, the status of any Member, Observer or Associate of ICSU which has failed to fulfil any of its obligations, or with which the association is no longer appropriate;

- m) elect the Officers and the Ordinary Members of the Executive Board;
 - n) modify the Statutes and the Rules of Procedure;
 - o) deal with any other item that may be referred to it.
19. An ordinary session of the General Assembly shall normally be held every 3 years, at a place and date determined by the General Assembly at the previous ordinary session or, failing that, by the Executive Board.
20. The Secretary General shall inform Members, at least 6 months in advance, of the place and date of the next session of the General Assembly.
21. Items proposed for inclusion in the Agenda must be received by the Secretary General at least 4 months before the date fixed for an ordinary session of the General Assembly. The Agenda of the General Assembly shall be communicated by the Secretary General to all Members, Associates and Observers of ICSU at least 3 months before the 1st day of the session. No item that has not been placed on the Agenda may be discussed unless a proposal to that effect is approved in the General Assembly by at least two-thirds of the votes of the Members taking part in the vote.
22. a) In order to ensure equality of votes of the two categories of membership in the General Assembly, each National Scientific Member shall have one vote, and each Scientific Union Member that number of votes which is equal to the number of National Scientific Members divided by the number of Scientific Union Members, except in votes concerning finance, in which case voting shall be weighted for all Members.
- b) The vote of each Scientific Union Member or National Scientific Member shall normally be cast at the meeting by the representative of that Member or by a proxy nominated by that Member. This nomination must be submitted in writing to the Secretary General prior to the session at which the proxy is to operate. If a Member is unable to designate a proxy to vote at the meeting, votes on those issues already on the Agenda (and not arising from the floor) may be submitted in writing to the Secretary General prior to the meeting.
- c) The Officers (see Section IX) should attend sessions of the General Assembly, but have no right to vote. Nevertheless, in the event of an equality of votes, the Chairman of the session shall have a casting vote.
23. In connection with ordinary sessions of the General Assembly, appropriate time shall be set aside for fora, convened by the respective Union and National representatives on the Executive Board, for discussion of issues of particular concern to their separate constituencies and to plan for interim activities until the succeeding Assembly. Any recommendations and propositions for action will be presented to appropriate sessions of the General Assembly.
24. An Extraordinary Session of the General Assembly may be summoned by the President with the consent of the Executive Board. He or she is obliged to do so if requested in writing by at least one-third of the Members of ICSU.

VIII. EXECUTIVE BOARD

25.
 - a) The Executive Board consists of:
 - i. six Officers, namely the President, the Past President or President-Elect, two Vice-Presidents, the Secretary General and the Treasurer (see Section IX);
 - ii. eight Ordinary Members, four from the Scientific Union Members (see Rule of Procedure 7.2) and four from the National Scientific Members (see Rule of Procedure 7 for the election procedure). The Ordinary Members of the Executive Board are elected in their individual capacities.
 - b) Each Officer and each Ordinary Member has one vote; in the event of an equality of votes the President has, in addition, a casting vote.
26. The Ordinary Members of the Executive Board shall normally hold office until the end of the ordinary session of the General Assembly following their initial election and are eligible for one additional term of office. A member appointed by the Executive Board to fill a vacancy occurring between sessions of the General Assembly shall initially hold office for the unexpired term only, but this shall not prejudice his or her eligibility for subsequent election for one or two full terms. Elections should, if possible, be so arranged that at each ordinary session of the General Assembly, two members from the Scientific Union Members and two members from the National Scientific Members are in their first term.
27. No person, except the President or Past President, may serve on the Executive Board for more than 9 consecutive years.
28. The Executive Board is responsible to the General Assembly. It oversees the operations of ICSU; recommends the directions and priorities of ICSU to the General Assembly, taking into consideration the recommendations of the appropriate Committees; and implements and communicates ICSU's policies and views between sessions of the General Assembly. It shall meet as often as is necessary and at least once a year. It can be convened by a decision of the President in case of particular urgency, provided at least 30 days' notice is given. Among its duties it shall:
 - a) prepare the Agenda for the General Assembly;
 - b) present, to each General Assembly, a report of the scientific and administrative activities of ICSU since the previous ordinary General Assembly;
 - c) propose, for consideration by the General Assembly, a draft budgetary outline of ICSU, and the scale of annual dues to be paid by Members of ICSU for the ensuing 3-year period;
 - d) appoint the Nominating Committee;
 - e) decide on the annual budget of ICSU;
 - f) admit new National Scientific Members and Scientific Associates (National, Regional and International) when such applications are received more than twelve months before the next session of the Assembly (Rules of Procedure 8 and 9);

- g) when urgent action is needed, establish (with precise terms of reference for limited periods of time) or suspend ICSU bodies, subject to ratification by the next session of the General Assembly;
 - h) review the scientific activities of ICSU as carried out by its interdisciplinary bodies and make appropriate recommendations to the General Assembly;
 - i) review periodically the relationship with the International and Regional Scientific Associates and make appropriate recommendations to the General Assembly.
29. The Executive Board shall be assisted by a Secretariat responsible for the execution of the day-to-day work of ICSU. This Secretariat shall be directed by an Executive Director appointed by the Executive Board on the recommendation of the Officers.
30. In the event of a vacancy among the Ordinary Members of the Executive Board, the Officers shall have the power to fill the vacancy for the unexpired term.

IX. OFFICERS

31. a) The **Officers** of ICSU are:
- i. The President
 - ii. the Vice-President for Scientific Planning and Review
 - iii. the Vice-President for External Relations
 - iv. the Secretary-General
 - v. the Treasurer
 - vi. the Past-President or President-Elect
- b) The Officers are responsible for the day-to-day affairs of ICSU between meetings of the Executive Board. They shall meet as often as is deemed necessary, normally twice a year.
- c) The **President** shall hold office for one term of 3 years*, non renewable.
- d) The **Vice-Presidents** shall hold office for one term of 3 years*, non-renewable;
- e) The **Secretary General** and the **Treasurer** shall hold office for terms of 3 years*, renewable once;
- f) The **immediate Past President** shall serve as an Officer for a period of 18 months* following the termination of the period of office held as President, to be succeeded until the end of the next General Assembly by the **President-Elect**.

*

The words "3 years" with reference to the periods of office of all elected Officers and Ordinary Members of the Executive Board are interpreted as meaning "until the end of the ordinary session of the General Assembly following his or her election".

*

The words "18 months" are to be interpreted as a period ending approximately half way between ordinary sessions of the General Assembly.

- g) Should any Officer be appointed initially to fill a vacancy arising from the inability of his or her predecessor to complete a full term, this shall not prejudice his or her eligibility for subsequent election for a full term or terms as specified in Statute 32 c), d), and e) above.
- 32. The Executive Board shall decide which of the two Vice-Presidents, or, failing this, the Past President shall fulfil the duties of the President should he or she become unable to discharge them. If none of these is able to fulfil the duties of the President, the Executive Board shall decide who is to undertake these.
- 33. The Executive Board shall also decide who shall undertake the duties of any of the other Officers if they are unable to discharge their duties.

X. ADVISORY BODIES

- 34. **Policy Committees** are Standing Committees set up by the General Assembly for a period of 3 years, renewable, to assist the Executive Board in fulfilling the governance objectives of ICSU. One such Committee shall address finance; others may address issues such as: scientific planning and review, governance, external fund-raising, responsibility and ethics in science, and freedom in the conduct of science.
- 35. **Special Committees** are set up by the General Assembly or the Executive Board for a limited duration and include the **Nominating Committee** and **Resolutions Committee**.
- 36. Terms of reference for these Committees are provided in Rule of Procedure 11.

XI. SCIENTIFIC INTERDISCIPLINARY BODIES

- 37. The Executive Board may recommend to the General Assembly the creation or dissolution of appropriate interdisciplinary bodies to facilitate and coordinate interdisciplinary scientific and educational activities on an international basis (see also Statutes 18. g) and 28 g.). The Scientific Interdisciplinary Bodies shall function in accordance with Terms of Reference found in Rule of Procedure 12.
- 38. The Executive Board has the right to send an observer to any meeting of the governing body of a body created by ICSU.
- 39. Each Scientific Interdisciplinary Body shall be invited to send a representative to ordinary sessions of the General Assembly. They shall also be invited to attend special or extraordinary sessions of the General Assembly which are called in order to make decisions which may have an impact on them, either jointly or separately.

XII. FINANCE

- 40. The funds of ICSU are obtained from:
 - a) the dues of Members;
 - b) the dues of International and Regional Scientific Associates; and
 - c) subventions, donations and other financial support accepted by the Executive Board on behalf of ICSU.

41. Each Member of ICSU shall pay annual dues within a scale determined by the General Assembly. Each International and Regional Scientific Associate shall pay annual dues determined by the General Assembly. National Associates pay no dues.
42. In the event of resignation or cancellation of membership, the Member concerned is liable to pay any dues owed including those for the current calendar year.
43. Funds derived from donations accepted by ICSU shall be used in accordance with the agreements made with the donors. A donation shall not be accepted if this could interfere with the independence of ICSU.
44. In the event of the dissolution of ICSU, its assets shall be ceded to one or more charitable organizations to be utilized in conformity with the aims of ICSU.
45. On request, ICSU shall reimburse the expenses of members of the Policy, Special Advisory and *Ad hoc* Committees, and the Executive Board for attendance at their meetings and when discharging official duties. ICSU shall also reimburse the representatives of the Scientific Interdisciplinary Bodies for their attendance at the General Assembly.

XIII. LIABILITY

46. The liability of each Member of ICSU shall be limited to the amount of that Member's annual dues, including any dues outstanding.
47. ICSU and bodies created by it may not incur expenditure in excess of the funds at their disposal.

XIV. LEGAL REPRESENTATION

48. The President, or if he or she is not available, one of the Vice-Presidents, the Past President or the President-Elect, is the legal representative of ICSU. The President or his or her legal representative may authorize the Secretary General, Treasurer or the Executive Director to represent the President.

XV. MODIFICATION OF THE STATUTES

49. No change may be made in the Statutes except with the approval of the General Assembly by two-thirds of the votes cast by the Members taking part in the vote. Introduction of changes in the Statutes must follow the time limitations set forth in Statute 21. Changes to the Statutes are effective at the end of the General Assembly adopting them, unless otherwise specified by a Resolution of the General Assembly.

XVI. INTERPRETATION OF THE STATUTES

50. These Statutes shall be governed by, and interpreted in accordance with, French law. In case of conflict between the English and French versions of these Statutes, the English version shall prevail.

Revised by the
30th General Assembly of ICSU, September 2011

RULES OF PROCEDURE

1. ANNUAL REPORTS

- 1.1 The Scientific Union Members of ICSU, the International and Regional Scientific Associates, and all ICSU-created bodies set up under the terms of Statute 18 shall submit reports on their relevant activities in writing and the audit of their accounts for the preceding year, on request.

2. QUORUM

- 2.1 In sessions (physical or electronic) of the General Assembly and of the Executive Board a quorum shall consist of a minimum of 50 per cent of the voting members of each membership category.
- 2.2 For any decision made by the Officers in accordance with the Statutes, at least four of the six Officers must register their support.

3. VOTING PROCEDURES

- 3.1 Decisions of the General Assembly shall be by a majority of the votes of those present or otherwise taking part, except as indicated in Statutes 22 and 49 and in Rule of Procedure 10.3. Decisions of the Executive Board shall be by a majority of the votes of those present or otherwise taking part.
- 3.2 All majorities shall be calculated on the basis of the total number of affirmative and negative valid votes actually cast.
- 3.3 The election of the Members of the Executive Board at the General Assembly shall be by secret ballot. Each voting member shall vote for no more names than there are vacancies to be filled.*
- 3.4 At each ballot the list of candidates shall be ordered according to the number of votes each receives and they shall be elected in that order, provided that no candidate shall be elected who has received less than half the total number of votes actually cast. If at any stage a choice must be made between candidates who have obtained the same number of votes, a separate ballot shall be taken. At any ballot in which no candidate has obtained the required majority, the candidate with the least number of votes shall be eliminated, and the voting continued.

4. MEETING PROCEDURES

- 4.1 Decisions of ICSU governing bodies may be arrived at entirely or in part by electronic means, as appropriate, providing a quorum is attained except in the case of approval of the audited annual accounts when a quorum is not required. Robert's Rules of Order shall be used for the conduct of all ICSU meetings.**

*

The number of votes to be cast by each voting member shall be in conformity with Statute 22 a).

**

The Scott Foresman Robert's Rules of Order, Scott, Foresman and Company, Glenview, Illinois, London, Library of Congress Cataloging-in-Publication Data. ISBN 0-06-276051-3

5. GOVERNANCE

- 5.1 a) The **President**, or his or her deputy in accordance with Statute 32, shall chair all meetings of the General Assembly, the Executive Board and the Officers. He or she shall be responsible for the implementation of ICSU's mandate.
- b) On the advice of the Executive Board the President may invite any individual to an ordinary or extraordinary session of the General Assembly, or the Executive Board.
- 5.2 a) The **Vice-President for Scientific Planning and Review** shall chair the Committee on Scientific Planning and Review (CSPR) (see Rule of Procedure 11.1 a).
- b) The **Vice-President for External Relations** shall be in charge of external relations.
- 5.3 The **Secretary General** shall:
- serve as Secretary of the General Assembly and Executive Board;
 - oversee the administration of the Secretariat on behalf of the Executive Board;
 - participate in the recruitment of Secretariat staff, as appropriate;
 - serve as an *ex officio* non-voting member on designated ICSU Policy Committees
 - report on administrative matters to the General Assembly.
- 5.4 The **Treasurer** shall:
- oversee the administration of the finances of ICSU, in accordance with the directives issued to him or her by the Executive Board and General Assembly;
 - serve as an *ex officio* non-voting member on the Committee on Finance;
 - report on financial matters to the General Assembly.
- 5.5 The **Executive Director** shall:
- be accountable to the Executive Board through the Secretary General for the day-to-day administration of the ICSU Secretariat;
 - be accountable to the Executive Board through the Treasurer for expenditure incurred within the budgetary envelope allocated;
 - act as the Recording Secretary of the General Assembly and Executive Board;
 - act as an *ex officio* non-voting member of ICSU's Policy Committees.
- 5.6 With the approval of the Executive Board, responsibility for a particular duty normally discharged by the President, the Vice-Presidents, the Secretary General, or the Treasurer, may be delegated to other persons.

6. ELECTION OF OFFICERS

- 6.1 At least 6 months in advance of an ordinary session of the General Assembly, each Member shall be invited by the Nominating Committee to propose a single name for each of the offices of President-Elect, Secretary General, Treasurer, and each of the two Vice-Presidents. Each proposal shall be accompanied by biographical information and by the agreement of the candidate to serve if elected.

6.2 The Nominating Committee, after reviewing these proposals and with appropriate regard to scientific and geographical breadth, shall propose a slate of candidates containing if possible:

- one name each for Secretary General and Treasurer, two names for President-Elect, and two or more names for each position of Vice-President.

This slate shall be sent to all Members of ICSU 4 months in advance of an ordinary session of the General Assembly.

6.3 If the Nominating Committee's list does not contain a Member's proposed candidates, the Member may re-submit the name(s) put forward or submit additional names in accordance with Rule of Procedure 6.1. Such re-submissions or new submissions of candidates must be received by the Secretary General 2 months in advance of an ordinary session of the General Assembly.

6.4 The list of candidates for Officers, including the Nominating Committee's proposal and all resubmissions and additional submissions, shall be distributed to all Members at least 1 month in advance of the date of the ordinary session of the General Assembly. This shall constitute the final list of nominations.

6.5 Election of the Officers by the General Assembly shall take place according to established voting procedures (see Rule of Procedure 3).

7. ELECTION OF ORDINARY MEMBERS OF THE EXECUTIVE BOARD

7.1 Proposals for Ordinary Members of the Executive Board, accompanied by biographical information and the agreement of the candidate to serve if elected, shall be invited by the Nominating Committee at least 6 months in advance of an ordinary session of the General Assembly and submitted to the Nominating Committee at least 2 months prior to the ordinary session of the General Assembly.

7.2 At the beginning of an ordinary General Assembly, a meeting of the Scientific Union Members, chaired by one of the four Ordinary Members of the Executive Board elected from the Scientific Union Members, shall select a list of eight names from among the candidates nominated from which the General Assembly shall elect four, one from each of the following four clusters: Physical, Chemical and Mathematical Sciences; Biological Sciences; Earth and Space Sciences; and Social Sciences. The Nominating Committee may suggest additional names for this list, if it deems it to be inadequate.

7.3 At the beginning of an ordinary General Assembly, a meeting of the National Members, chaired by one of the four Ordinary Members of the Executive Board elected from the National Members, shall select a list of eight names from among the candidates nominated from which the General Assembly shall elect four. The Nominating Committee may suggest additional names for this list, if it deems it to be inadequate.

7.4 In selecting the final lists of candidates for Ordinary Members, the Scientific Union Members and the National Scientific Members shall pay due attention to the scientific and geographical breadth of the full Executive Board.

8. APPLICATIONS FOR MEMBERSHIP

- 8.1 All applications for membership must be addressed in writing to the Secretary General and must be received at least 6 months in advance of the session of the General Assembly, or 2 months in advance of the Executive Board meeting, at which they are to be considered.
- 8.2
- a) Applications for Scientific Union Membership must be accompanied by a copy of the Statutes of the organization and a signed statement that the applicant will comply with ICSU's Statutes and Rules of Procedure. Applicants must furnish proof that the organization or the organization it has succeeded, or of which it is an offshoot, has been in existence for at least 6 years and has held or sponsored international meetings.
 - b) The Statutes and by-laws of Scientific Unions seeking admission to the Council should:
 - i. indicate the objectives of the Union;
 - ii. provide for the governance of the Union by a General Assembly of its members;
 - iii. set forth the rules of voting.
 - c) Upon the guidance of the Executive Board, the Secretariat shall approach the relevant Members of ICSU to seek information as to the benefits to ICSU of admitting the applicant and to ensure that there is no possibility of the applicant being accommodated within an existing Scientific Union Member through modification of the structure of that Member. The Secretariat shall then transmit the application to the Executive Board who shall decide whether to ask the ICSU Secretariat to ascertain if there is adequate support for the application from at least 12 Members, including at least three Scientific Union Members and three National Scientific Members, by request to all ICSU Members. Support for applications should clearly indicate that membership in ICSU of the organization concerned would enhance ICSU's scientific activities. The Executive Board shall then decide on its recommendation to the General Assembly in the light of the indications of support that have been received.
- 8.3 Applications from an organization for National Scientific Membership must be accompanied by a copy of its Statutes or a similar type of document, a description of its activities, proof that it has been in existence for at least 4 years, and a signed statement that the applicant will comply with ICSU's Statutes and Rules of Procedure. If necessary, and upon the guidance of the Executive Board, the Secretariat shall seek additional information. The Executive Board shall then decide on the application in between sessions of the General Assembly.
- 8.4 All successful applications shall have effect from the conclusion of the General Assembly or session of the Executive Board at which they were agreed.

9. APPLICATIONS FOR ASSOCIATE STATUS

- 9.1 All applications for membership must be addressed in writing to the Secretary General and must be received at least 6 months in advance of the session of the General Assembly, or 2 months in advance of the Executive Board meeting, at which they are to be considered.

- 9.2 a) Applications for International Scientific Associate or Regional Scientific Associate status must be accompanied by a copy of the Statutes of the organization and a signed statement that the applicant will comply with ICSU's Statutes and Rules of Procedure. Applicants must furnish proof that the organization or the organization it has succeeded, or of which it is an offshoot, has been in existence for at least 6 years. They shall state the reasons underlying the application and give indications of the activities in which they wish to be associated with ICSU, e.g. the organization of joint symposia or meetings, preparation of joint programmes, development of standards, etc.
- b) The Secretariat shall transmit the application to the Members of the Executive Board which shall decide whether to ask the ICSU Secretariat to ascertain if there is adequate support for the application from at least nine Members, including at least three Scientific Union Members and three National Scientific Members by request to all ICSU Members. Support for applications should clearly indicate that associate status in ICSU of the organization concerned would enhance ICSU's scientific activities. The Executive Board shall then decide on the application, or on its recommendation to the General Assembly, in the light of the indications of support that have been received.
- c) In any case when no objections have been received to the application, and the necessary evidence of support has been received, the Executive Board shall be empowered to admit the new Associate with immediate effect (see Statute 28 f).
- 9.3 Applications from an organization for National Scientific Associate status must be accompanied by a copy of its Statutes or a similar type of document, a description of its activities, and a signed statement that the applicant will comply with ICSU's Statutes and Rules of Procedure. If necessary, the Secretariat shall seek additional information before transmitting the application to the Executive Board. The Executive Board shall then decide on the application.
- 9.4 The General Assembly or Executive Board shall examine applications for Associate status in ICSU and may accept or reject them. Such acceptance shall become effective at the conclusion of the meeting of the General Assembly or Executive Board at which it was agreed.

10. RESIGNATION OR TERMINATION OF MEMBERSHIP OR ASSOCIATE STATUS

- 10.1 A Member or an Associate wishing to resign from ICSU must give 3 months' notice in writing, addressed to the Secretary General.
- 10.2 Any Member of ICSU which is in arrears with its dues (payable before 31 December in each year) for 2 years shall have observer status only, until the dues outstanding at the time of cessation of full membership have been paid, subject to the provisions of Statute 15. The Executive Board may, in extraordinary circumstances, waive the payment of outstanding dues.
- 10.3 The General Assembly may, with the agreement of a majority of at least two-thirds of the votes of the Members taking part in the vote, exclude from membership or Associate status any Member or Associate which has failed to fulfil any of its obligations or for which affiliation with ICSU is no longer deemed appropriate.

11. TERMS OF REFERENCE OF ADVISORY BODIES

11.1 **Policy Committees** are Standing Committees set up by the General Assembly and are responsible to the Executive Board and to the General Assembly. Members and Chairmen, if not otherwise designated, are appointed by the Executive Board. The currently constituted Committees include the following:

- a) Committee on **Scientific Planning and Review (CSPR)**, chaired by the Vice-President for Scientific Planning and Review, with the Secretary General, President-Elect and Executive Director as *ex officio*, non-voting members. The Committee will coordinate the collection and development of proposals for major new scientific initiatives by ICSU and advise the Executive Board on priorities for such initiatives. The Committee will also review the activities carried out by the Scientific Interdisciplinary Bodies and advise the Executive Board on the future course of these activities.
- b) Committee on **Finance (CF)**, with the Treasurer and Executive Director as *ex officio* non-voting members. The Committee is a sub-committee of the Executive Board and makes recommendations on finance and budgeting.
- c) The **Committee on Freedom and Responsibility in the Conduct of Science (CFRS)**, with the Secretary General and Executive Director as *ex officio*, non-voting members. Under the over-riding authority of the Executive Board, it shall promote the Principle of Universality and shall seek to find solutions to problems concerning the free passage of scientists, free collaboration among scientists and freedom to pursue science.

11.2 **Special Committees** are created by the General Assembly or Executive Board and are responsible to the Executive Board and to the General Assembly. Members and Chairs, if not otherwise designated, are appointed by the Executive Board. These Committees shall include:

- a) The **Nominating Committee**, which shall consist of the President of ICSU and six other members, appointed by the Executive Board 1 year prior to an ordinary session of the General Assembly. The Executive Board shall endeavour to ensure a fair (scientific and geographic) representation on the Nominating Committee. No member of the Executive Board, except the President, shall serve on the Committee, and no member of the Committee shall be a candidate for election to the Executive Board, as an Officer or Ordinary Member, at the particular General Assembly concerned. The Nominating Committee shall request nominations for vacancies in the positions of Officers (Rule of Procedure 6.1) and shall make recommendations on these in accordance with Rule of Procedure 6.2. It shall also receive nominations for Ordinary Members of the Executive Board in accordance with Rule of Procedure 7.1.
- b) The **Resolutions Committee**, which shall consist of four members, appointed by the General Assembly at the suggestion of the Executive Board. It shall collate, edit and present any eligible resolutions proposed for adoption by the General Assembly. Resolutions proposed at a General Assembly must be related to an item on the Agenda and must have been discussed at the current Assembly in order to be considered. Only those matters which clearly require stronger endorsement by the full ICSU membership than a decision of the General Assembly would confer, or are a statement of intent or opinion on the part of

ICSU, should be the subject of Resolutions. Any proposed resolution which does not fulfil these criteria will be ruled out of order by the Resolutions Committee. The Executive Board will keep a watching brief to ensure that all necessary action on a Resolution is taken.

12. TERMS OF REFERENCE FOR SCIENTIFIC INTERDISCIPLINARY BODIES

- 12.1. By virtue of Article 18. g) of the Statutes of ICSU, Scientific Committees and Programmes may be created by the General Assembly to facilitate the planning and coordination of interdisciplinary scientific research and related activities on an international basis, such as necessitates the cooperation of two or more Members.* These bodies are set up for a specified period, renewable by decision of the General Assembly.
- 12.2. a) A Scientific Committee shall normally focus on a well-defined interdisciplinary theme.
- b) A Programme shall normally focus on a set of interlinking interdisciplinary themes undertaken by ICSU alone or in partnership with others.
- 12.3. Each Interdisciplinary Body shall function under a constitution, approved by the Executive Board, which is appropriate to its specific task.
- 12.4. The adherents to an Interdisciplinary Body may be Members and Associates of ICSU, other ICSU interdisciplinary bodies or other appropriate regional or international scientific or technological organizations.
- 12.5. Interdisciplinary Bodies shall have the obligation to submit to the Officers of ICSU, and to their own adherents, the agenda of all meetings and subsequently a full and proper record of their proceedings.
- 12.6. Each Interdisciplinary Body shall ensure the maintenance of an ongoing record of its activities and of projects it has launched, and, where appropriate, of their scientific results.
- 12.7. Each Interdisciplinary Body shall submit to ICSU an annual report on its work, the budget for the ensuing year and the audited financial statement for the preceding year. If the body is in arrears financially, the budget for the new year has to be approved by the Treasurer of ICSU.
- 12.8. Interdisciplinary Bodies must acquire, in addition to basic funding, adequate funds for planning and administration.
- 12.9. Individually, or in the context of broader policy reviews, Scientific Interdisciplinary Bodies will be reviewed by the ICSU Committee on Scientific Planning and Review for every second General Assembly of ICSU.

*

Bodies which were formerly referred to as Inter-Union Commissions may become Scientific Committees

13. MODIFICATION OF THE RULES OF PROCEDURE

- 13.1 No change may be made in the Rules of Procedure except with the approval of the General Assembly by the majority of the votes cast by the members taking part in the vote. Changes to the Rules of Procedure are effective at the end of the General Assembly adopting them, unless otherwise specified by a Resolution of the General Assembly.

Revised by the
30th General Assembly of ICSU, September 2011

30 September 2011

**ICSU EXECUTIVE BOARD
2011-2014**

Officers		First appointed to EB¹	Term of Office
President	Yuan Tseh Lee	2008	3 years
Past-President	Catherine Bréchnignac	2007	18 months to early 2013
President-Elect	Gordon McBean	2013	18 months from early 2013
Vice-President for Scientific Planning and Review	Malegapuru W. Makgoba	2011	3 years
Vice-President for External Relations	Sergio Pastrana	2005	3 years
Secretary-General	David Black	2011	3 years
Treasurer	Hans Rudolf Ott	2011	3 years

Ordinary Members²

From Union Members:

Orhan Altan	ISPRS	2011	3 years
Maria Carla Galavotti	IUHPS	2011	3 years
Dov Jaron	IUPESM	2008	3 years
Kennedy Reed	IUPAP	2011	3 years

From National Members:

John Ball	United Kingdom	2011	3 years
Luiz Davidovich	Brazil	2011	3 years
Nicole Moreau	France	2011	3 years
Guoxiong Wu	China: CAST	2011	3 years

¹ No person, except the President or Past President, may serve on the Executive Board for more than 9 consecutive years. (Statute 27). Only the offices of Secretary General and Treasurer are renewable, once.

² Ordinary Members of the Executive Board may be re-elected once.

ICSU Budget, 2013-2015 in euros

Where an exchange rate is necessary, this is based on the average rate in the first trimester of 2010 of 1\$ = 0.747€.

staff	INCOME	2011 Budget	2012 BUDGET	2012 Budget	2013	2014	2015	Notes
		EB104	GA	EB104				
	I. NON-EARMARKED							
NdM	Member Dues							
	National Members	2 374 806	2 264 770	2 434 970	2 516 713	2 586 694	2 658 775	1
	Union Members	167 283	172 302	172 302	177 471	182 795	188 279	2
NdM	Associate Dues	10 500	10 500	10 500	10 500	10 500	10 500	3
NdM	Income from ICSU bank accounts	15 000	35 000	15 000	15 000	15 000	15 000	4
NdM	Other income	-	-					
	II. EARMARKED							
CS	UNESCO Framework Agreement		96 000	-				5
CT	USA Contribution to WCRP	180 000	160 000	216 000	228 000			6
CT	NSF	306 000		282 000	290 000			7
TBF	France	500 000	500 000	500 000	500 000	500 000	500 000	8
	Other income:							9
	IRDR	250 000		250 000	250 000	250 000	250 000	10
	Rio+20	312 000		200 000				11
	sustainability initiative	550 000	-	200 000				12
	TOTAL INCOME	4 665 589	3 238 572	4 280 772	3 987 684	3 544 989	3 622 554	
	EXPENDITURE	2011 Budget	2012 BUDGET	2012 Budget	2013	2014	2015	
		EB104	GA	EB104				
	1. POLICY COMMITTEES							
MB	1.1 CSPR	90 000	67 750	67 750	70 000	70 000	70 000	13
	1.2 CSPR Planning and Reviews		30 000	120 000	120 000	60 000	60 000	14
RR	1.2.1 GEC+ES Visioning process	75 000		30 000				15
	1.2.2 Reviews of Regional Offices			-			30 000	16
	1.2.3 Education review	24 000		-				17
	1.2.4 Foresight	25 000	-	-				18
RR	1.3 CFRS	65 000	54 400	67 500	67 500	67 500	67 500	19
	PCDC		24 050	-				20
NdM	1.5 Salaries	214 000	254 749	220 000	227 000	233 000	240 000	21
	Sub-Total	493 000	430 949	505 250	484 500	430 500	467 500	

	EXPENDITURE	2011 Budget EB104	2012 BUDGET GA	2012 Budget EB104	2013	2014	2015	
	2. JOINT INITIATIVES							
CT	2.2 USA contribution to WCRP	180 000	160 000	216 000	228 000			22
RR	2.3 IPY/Polar science		20 000	40 000	60 000			23
MB	5.3 Hazards/IRDR	265 000	45 355	265 000	250 000	250 000	250 000	24
MB	5.5 Ecosystems and Society (PECS)	20 000	27 318	20 000	20 000			25
RR	2.4 Sustainability initiative	550 000		200 000				26
	2.5 Salaries	156 000		161 000	166 000	171 000	176 000	27
	Sub-Total	1 171 000	252 673	902 000	724 000	421 000	426 000	
POT	3. ICSU REGIONAL OFFICES							28
	3.1 Direct support	108 150	114 737	150 000	225 000	225 000	275 000	
	3.2 Salaries	110 000	119 778	113 000	117 000	120 000	124 000	
	3.3 Travel, additional support	21 199	21 835	20 000	20 000	20 000	20 000	
	Sub-Total	239 349	256 350	283 000	362 000	365 000	419 000	
PC	4. GRANTS PROGRAMME	228 000	280 000	280 000	300 000	300 000	300 000	29
	5. SPECIAL INITIATIVES							
CS	5.1 EB New Initiatives	20 000	40 000	80 000	60 000	-	-	30
MB	5.2 CSD and Rio+20	142 000	8 442	100 000	10 000	10 000	10 000	31
MB	5.3 Data and information initiatives	88 000	67 312	44 000	44 000	22 000	22 000	32
RR	5.4 ESSP	9 000	12 381	-				33
	5.5 Unions' meeting	-	-		10 000			34
NdM	5.6 Salaries	289 000	302 350	221 000	152 000	156 000	161 000	35
	Sub-Total	548 000	430 485	445 000	276 000	188 000	193 000	
	6. GOVERNANCE MEETINGS							
MB	6.1 General Assemblies	55 000	55 000	55 000	55 000	55 000	55 000	36
RR	6.2.1 EB /Officers/CF	95 000	110 000	95 000	95 000	95 000	95 000	37
FK	6.2.2 EB at Unions/IB GAs.	25 000	25 700	25 000	25 000	25 000	25 000	38
NdM	6.3 Salaries	370 000	254 749	381 000	393 000	404 000	416 000	39
	Sub-Total	545 000	445 449	556 000	568 000	579 000	591 000	
	7. OUTREACH							
JL	7.1 Publications & Communication	100 000	67 500	46 000	49 000	64 000	48 000	40
MM	7.2 Informatics	65 000	67 600	71 000	71 000	71 000	71 000	41
FK	7.3 Travel	40 000	27 654	40 000	35 000	35 000	35 000	42
NdM	7.4 Salaries	200 000	202 426	204 000	210 000	216 000	223 000	43
	Sub-Total	405 000	365 180	361 000	365 000	386 000	377 000	

	EXPENDITURE	2011 Budget EB104	2012 BUDGET GA	2012 Budget EB104	2013	2014	2015	
	8. ADMINISTRATIVE SUPPORT							
RR	8.1 Staff development/training	25 000	32 782	35 000	35 000	35 000	35 000	44
NdM	8.2 Depreciation on fixed assets	45 000	10 400	26 000	21 000	21 000	20 000	45
EL	8.3 Bldg maintenance			20 000	20 000	20 000	20 000	46
TBF	8.4 Office expenses	166 000	157 400	146 000	150 000	150 000	150 000	47
NdM	8.5 Audit fees/Legal advice	40 000	26 000	40 000	40 000	40 000	40 000	48
NdM	8.6 Bank charges	15 000	15 000	15 000	15 000	15 000	15 000	49
NdM	8.7 Salaries	514 000	723 805	529 000	545 000	562 000	578 000	50
	Sub-Total	805 000	965 387	811 000	826 000	843 000	858 000	
	9. CONTINGENCIES							
NdM	9.1 General contingencies	30 000	30 000	30 000	30 000	30 000	30 000	51
NdM	9.2 Retirement indemnity	37 000	24 300	39 000	39 000	39 000	39 000	52
	TOTAL EXPENDITURE	4 501 349	3 480 773	4 212 250	3 974 500	3 581 500	3 700 500	
	EXPECTED NET	164 240	- 242 201	68 522	13 184	-36 511	-77 946	53

Notes on outline budget, 2013-2015

Income

1. *Membership dues*
Membership dues up to 2012 are those decided on by the 28th GA in 2008 with an inflation adjustment of 3% p.a added for 2013-2015. An additional voluntary contribution from China:Taipei is included (184k for 2012-2015). As of 2012, the new dues system will be in place
2. *Associate Dues*
21 Scientific Associates at €500.
3. *Income from Bank Accounts*
Based on the results from 2010.
4. *Other Income*
No additional non-earmarked income confirmed for 2013-2015.
5. *UNESCO Framework Agreement*
Original estimate based on the understanding that \$150k would be available to ICSU centrally under the 6yr Framework agreement that was signed in 2008. However, it appears very unlikely that any UNESCO funding will be available in the future unless it is for specific 'one off' projects.
6. *USA for WCRP*
The NSF contribution to WCRP, will be 228k€ in 2013, after which new NSF funding would have to be secured (see note 7)
7. *NSF*
A new 5-year grant was approved by NSF, starting in October 2008 and this expires in 2013. Initial discussions with NSF suggest that a new application would be considered but given the large increase in US dues from 2012 this cannot be guaranteed.
8. *French Subvention*
ICSU receives €500,000 per year from the French Government. The initial commitment was for 10 years starting in 2005.
9. *Other Income*
At this stage no other income has been secured with the exception of IRDR. However it is expected that other income will be attracted for the Regional Offices and specific activities
10. *IRDR income*
China:Taipei is providing €250k for the development and activities of a project office for the IRDR programme in Taipei. This includes a 10% overhead which goes into salaries and travel in support of IRDR (see also notes 26 and 29).
11. *Rio+20*
The external funding for Rio+20 activities has to be used during 2011 and 2012.
12. *Global sustainability Initiative*
The external funding for development of new initiative on earth system research for global sustainability (line 2.4) will be exhausted in 2012. The continued active involvement of the ICSU Secretariat after this depends on the final plans and availability of new resources.

Expenditure

13. *Committee for Scientific Planning and Review*

Two committee meetings per annum

14. *CSPR Planning and Review*

The specific CSPR planning and review activities in 2012 depend on GA decisions and a sum of €120k has been put aside to implement these in 2013 (including 100k from NSF) and €60k in subsequent years.

15. *GEC and ES Visioning process*

The Earth system visioning process is transforming into the development of joint initiative (line 2.4) that will continue in 2012.

16. *Review of the Regional Offices*

Reviews of the Regional Office are scheduled every 5 years and should take place in 2015.

17. *Education Review*

Any follow-up to this review depends on the GA decisions and will require either allocation of internal funds (notes 14 and 30) or external funding.

18. *Foresigh*

The current foresight scenarios exercise is will be completed in 2012

19. *Committee on the Freedom and Responsibility in the conduct of Science*

CFRS will meet twice per annum

20. *Policy Committee on Developing Countries*

Following the decision of the 29th GA, PCDC is in abeyance and there are no plans for future meetings

21. *Executive Salary Costs (see also budget line 44)*

The salary costs are distributed between budget lines 1.5, 2.5, 3.2, 5.6, 6.3, 7.4 and 8.7. This budget line includes half the cost for the Executive and Deputy Executive Directors. The other half is under budget line 6.3.

The total salary costs for 2011 are €1,850,800. The planning for 2012-2015 includes a 3% per annum overall increase.

22. *USA contributions to WCRP*

Contribution from NSF (see note 6) which is currently only secured up to 2013.

23. *International Polar Year*

For 2013, NSF funding is provisionally allocated for a review of polar research coordination. This depends on a decision of the GA.

24. *Hazards and Disasters*

This line includes expenditure related to the earmarked funding from China: Taipei (note 9)

25. *Ecosystems and Society (PECS)*

No funding is currently set aside beyond 2013 for meetings of the Scientific Committee for this programme. In this case, the IPO would have to provide support for these meetings.

26. *Global Sustainability initiative*

This initiative is expected to be launched in 2012 and the subsequent support and funding requirements are currently unknown. If ICSU is to play an active support role additional external funding is likely to be necessary

27. *Salaries for Science Officers and consultancies*

Salary costs for the post of Roberta Quadrelli and consultancy fees for Howard Moore (partially covered by grants from NSF upto 2013 and IRDR funding overheads, notes 7 & 9).

28. *ICSU Regional Offices*

The costs have been divided between three budget lines to properly reflect the cost to ICSU. Direct support is €35,000 per Regional Office and, following requests from the hosts, it is proposed that this be increased to €50k in 2012 and €75k for 2013-2015. €50K has also been allocated in 2015 for a planned Office in the Arab Region. The employment cost for the Science Officer responsible for the Regional Offices is included under 3.2. The travel budgets line includes cost for participation of Executive Board and Secretariat *ex officio* members in the three Regional Committees.

29. *Grants Programme*

A grants programme for 10 grants at ~ €30,000 each is planned for 2013 - 2015. This is a small increase over the previous triennium but will only be fully utilised if enough high quality proposals are forthcoming

30. *Executive Board New Initiatives*

In 2012 a number of new initiatives may be launched depending on the decision as the General Assembly and a provision has been made for this and continues through into 2013. If necessary, additional funds are available in the ICSU General Fund and could be allocated here

31. *UN Commission for Sustainable Development and Rio+20*

ICSU is formally responsible for input from the Science and Technology Community Major Group to CSD and it is expected that this role will continue to be important after Rio+20. However, increased activities in this area will require extra resources.

32. *Strategic Data and Information initiatives*

Estimated costs for two meetings of the Scientific Committee for the ICSU World Data System in 2013 and one meeting in each of 2014 and 2015. Partial funding from NSF for 2013 (note 7)

33. *Earth System Science Partnership*

This will be incorporated into the Global Sustainability Initiative in 2012 (note 26)

34. *Unions' meeting*

A Unions meeting will take place in 2011 in association with the General Assembly with minimal additional cost implications. Next meeting in 2013

35. *Salaries for Science Officers and consultancies*

Salaries for the posts of Leah Goldfarb (partially covered by grants from NSF upto 2013; note 7) and consultant costs for Gisbert Glaser.

36. *ICSU General Assembly*

The costs for General Assemblies are budgeted over three years. This includes costs for the Nominating Committee.

37. *Executive Board, Officers and CF*

Costs for two EB meetings and an Officers' meeting with Regional Directors and Chairs per annum. The costs for Committee on Finance (CF) meetings are also included in this line.

38. Estimated costs of members of the EB representing ICSU at General Assemblies of Unions and Interdisciplinary Bodies.

39. *Executive Salary Costs*

Half the costs of salaries for the Executive and Deputy Executive Directors. (see note 20) and the full costs for the Assistant Executive Director.

40. *Publications and Communication*

This includes the Annual Report and two other reports per annum including. There are also additional costs associated with the production of promotional materials and preparations for the General Assembly in 2014.

41. *Informatics*

Costs for computers, web consultants, etc.

42. *Travel*

Travel costs have been assigned to relevant budget lines, when appropriate, although this is not always possible. This line mainly represents the travel of the Executive Director and other staff that is not related to specific projects. The estimate is based on the realised 2010 figure.

43. *Salaries for Communication and Outreach*

Salaries for the IT Officer/Webmaster (Mustapha Mokrane) and the Communications Officer (Jacinta Legg).

44. *Staff Development and Training*

A staff retreat, including Regional Office staff, is planned for each year. Also includes personnel training, including language courses.

45. *Depreciation on fixed assets*

Depreciation on capital investments in infrastructure and furnishing, for which the costs are written off over several years.

46. *Building maintenance*

Includes building repairs and maintenance contracts, which were previously under Office expenses

47. *Office Expenses*

Costs for services, equipment rental, photocopying, office repairs, staff recruitment, postage, telephone etc

48. *Audit Fees and Legal Advice*

Costs for the legal auditor, preparation of payslips and other legal advisory services.

49. *Bank Charges*

Estimate based on previous years.

50. *Salaries for Administrative Staff*

Salaries for administrative staff.

51. *General Contingencies*

This includes a contingency to cover the possibility of exchange rate loss on the provision for arrears, which is hard to predict. It can also cover other unexpected expenditures.

52. Provision for Retirement Indemnity

A provision is made annually to transfer funds to the statutory retirement indemnity reserve.

53. Balance 2013-2015.

A small positive out-turn on operations is forecast for 2013 followed by a deficit in 2014 and 2015. The net result over the 3 year period is -€100k. Over the five year period 2012-2015 a positive cumulative out-turn of ~€150k is forecast.

It is also expected that additional income will be attracted for the Regional Offices and other specific projects, which will help to cancel out the negative forecasts for 2013-2015

