



Scientific Committee on Oceanic Research

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MEMORANDUM

TO: Attendees, 2008 SCOR General Meeting

FROM: Ed Urban, SCOR Executive Director

RE: Background Book for Meeting

DATE: 20 September 2008

I am pleased to enclose the background book for the upcoming SCOR General Meeting in Woods Hole. I hope that you have a chance to read it before the meeting, although I know that the time is limited and the background materials are extensive. Please be sure to review the annotated agenda following. I have tried to identify the actions that we need to consider at the meeting and have cross-referenced the issues to the pages where relevant background information can be found, so we can make the best use of our time together. Please skim the remainder of the book and focus on those sections that are most closely related to your interests and responsibilities. I hope that the book also will be a useful reference to you between SCOR meetings. The background book is also available on the Web, at <http://www.scor-int.org/2008GM.htm>.

We will not be able to bring many extra background books to the meeting, so please bring your copy. Please let me know if you think other items should be made available to participants at the meeting.

I look forward to seeing each of you in Woods Hole next month.

XXIXth SCOR GENERAL MEETING

Woods Hole Oceanographic Institution
Woods Hole, Massachusetts, USA
22-24 October 2008

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**OSB = member of the Ocean Studies
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YS = Young scientist

XXIXth SCOR GENERAL MEETING
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts, USA

22-24 October 2008

ANNOTATED AGENDA

1.0 OPENING

1.1 Opening Remarks and Administrative Arrangements *Sundby, Urban*

1.2 Approval of the Agenda *Sundby*
Additions or modifications to the agenda as distributed may be suggested prior to approval of the final version.

1.3 Report of the President of SCOR *Sundby*
The President will briefly review activities since the SCOR Executive Committee Meeting in August 2007 in Bergen, Norway.

1.4 Report of SCOR Executive Director *Urban*
The Executive Director will report on his activities since the 2007 SCOR meeting, and on the financial health of SCOR.

1.5 Appointment of an *ad hoc* Finance Committee *Sundby*
The SCOR Constitution requires that a Finance Committee be appointed at every SCOR meeting. It must consist of three members of SCOR who are not members of the Executive Committee. The Finance Committee reviews the administration of SCOR finances during the previous fiscal year and the current year, and will propose a budget for 2009 activities. The Committee will report to the meeting under agenda item **8.3**.

1.6 *Ad hoc* Committee to Review the Disciplinary Balance of SCOR's Activities *Sundby*
The Executive Committee meeting in 1999 agreed that at future SCOR meetings, after the consideration of working group proposals is complete, the current disciplinary balance of SCOR groups should be assessed. Scientific gaps should be identified and communicated to national committees when the next request for working group proposals is sent.
Action: Approve a Disciplinary Balance Committee

1.7 2008 Elections for SCOR Officers *Duce*
Action: Announce results of election.

2.0 WORKING GROUPS

2.1 Disbanded Working Groups

2.1.1 WG 78—Determination of Photosynthetic Pigments in Seawater *Urban*

Chapters of the book are still being completed and we are still seeking a non-profit publisher. So far, Cambridge University Press and Island Press have declined to publish the book. Other non-profit publishers are being considered.

Action: Discuss other options for publication.

2.1.2 SCOR/IOC WG 119—Quantitative Ecosystems Indicators for Fisheries Management *Urban*

In 2007, SCOR Executive Committee approved that leftover registration fees from WG 119's symposium be used for a workshop on "Coping with global change in marine social-ecological systems". This workshop, held in Rome in June 2008, contributed to the objectives of both GLOBEC and IMBER.

Action: None.

2.2 Current Working Groups

The Executive Committee Reporter for each working group will present an update on working group activities and progress, and will make recommendations on actions to be taken. The Executive Committee should make preliminary decisions, based on the progress of working groups and the merits of the requests, about whether funding should be provided for 2009 activities of working groups that request funds. The Finance Committee will take into account the recommendations of the Executive Committee as it develops the 2009 SCOR budget, which is then subject to final approval by the meeting.

2.2.1 WG 111—Coupling Winds, Waves and Currents in Coastal Models *Mysak*

The group is developing a book entitled *Coupled Coastal Wind-Wave-Current Dynamics*, which will be published by Cambridge University Press. One of the co-chairs, Chris Mooers, is taking responsibility for the book and is waiting for revisions to one chapter.

Action: None?

2.2.2 WG 115—Standards for the Survey and Analysis of Plankton *Pierrot-Bults*

The group held its final meeting in May 2006 in Plymouth, UK at the Sir Alister Hardy Foundation for Ocean Sciences and group members plan a series of papers for a special issue of the *Journal of the Marine Biological Association of the U.K.* Unfortunately, only one of the papers have been completed as planned and the timeline has slipped.

Action: Decide whether to disband the group without a product.

2.2.3 SCOR/LOICZ/IAPSO WG 122—Estuarine Sediment Dynamics *Sundby*

The group met for its final time on September 23-27 at the University of Colorado, Boulder, Colorado, USA. The meeting concentrated on finalizing the Terms of References of the group and defining the publication of its findings in a special issue to *Coastal and Estuarine Science*.

These publications are expected in 2009.

Action: None.

2.2.4 SCOR/IMAGES WG 124— Analyzing the Links Between Present Oceanic Processes and Paleo-records (LINKS)

Labeyrie

The group met for the final time on 20–24 November 2006, in Delmenhorst, Germany. It is preparing a series of 5 manuscripts that mainly target understanding the changes in ocean productivity and the connection to the recorded signal at the seafloor. The papers are designed to review the present state of the art in modern ocean process studies and in paleoceanography as well as to give recommendations for future studies. The main goal of the international workshop was the discussion of these manuscripts to finalize them for publication in a peer-reviewed journal (potentially *Biogeosciences* or *Global Biogeochemical Cycles*).

Action: None.

2.2.5 WG 125—Global Comparisons of Zooplankton Time Series

Pierrot-Bults

The group held its final meeting in May 2008 in Gijon, Spain, before the symposium on “Effects of Climate Change on the World’s Oceans”. During the symposium, the group presented one jointly authored summary paper in the symposium plenary session on “Impacts on Marine Ecosystems,” and also held a one-day workshop session on zooplankton time series. Papers from the working group will be collected for a special issue of *Progress in Oceanography* (editor-in-chief Cisco Werner has given pre-approval for a special issue to appear in 2009, and Pierre Pepin has agreed to serve as “arms-length” guest editor for the issue). The NOAA National Marine Fisheries Service has committed funds to bring more participants (and data) into the process.

Action: None.

2.2.6 WG 126—Role of Viruses in Marine Ecosystems

Kuparinen

The group had a very productive meeting in Bergen, Norway in May 2007. The major outcome of the Bergen meeting was a multi-lab comparison of techniques. The group established some mesocosms at the Bergen facility and used them as samples (one with nutrients added, one without, to produce communities of differing trophic status). Different counting techniques, different virus production techniques, and different molecular tools were compared. The group’s book, tentatively entitled *Methods in Aquatic Viral Ecology* is expected to be ready for publication in 2009. To date four of the chapters have been received and are undergoing peer review to ensure the highest quality. Completion is expected by January 2009. The group and a related group from EurOCEANS published a perspective for *Nature Reviews Microbiology* (see p. 2-32). Currently, the group is planning to hold its final meeting in 2009, most likely somewhere central to most of the members.

Action: Approve funding for 2009 meeting.

2.2.7 SCOR/IAPSO WG 127 on Thermodynamics and Equation of State of Seawater

Mysak

The group held its final meeting on 7-13 September in Berlin in conjunction with the International Association of the properties of water and seawater. There will be a joint session between the two groups. IOC will consider adopting the new standard at their 2009 General Assembly.

Action: Consider any additional requests from the group.

2.2.8 WG 128 on Natural and Human-Induced Hypoxia and Consequences for Coastal Areas

Duce

The group met for the second time on 20-23 September in Shanghai, China, in conjunction with the IMBER/LOICZ Continental Margins Open Science Meeting, where they presented a special session. Most of the papers for their special issue (potentially for *Biogeosciences*) are underway and were discussed at the Shanghai meeting. They postponed their 2008 meeting to 2009 because of a delay in completion of the papers. The group has had some difficulty in locating a publication venue for their papers, because some are rather long review papers and the group members cannot afford to pay the page charges assessed by some journals.

Action: Consider funding for 2009 meeting.

2.2.9 SCOR/IAPSO WG 129 on Deep Ocean Exchanges with the Shelf

Mysak

This group will convene a workshop in Cape Town, South Africa on 6-8 October to contribute to fulfilling their terms of reference. The U.S. Office of Naval Research, IUGG, SCOR, and IAPSO contributed funds for this workshop. Papers from the workshop will be published in *Ocean Science*. The group's next meeting will be held in mid-2009, in conjunction with the IAPSO meeting in Montreal.

Action: Consider funding for 2009 meeting.

2.2.10 SCOR WG 130 on Automatic Plankton Visual Identification

Burkill

This group met for the second time on 6-9 May in São Paulo, Brazil, with most of the meeting expenses funded by Petrobras.

Action: Consider funding for 2009 meeting.

2.2.11 SCOR WG 131 on The Legacy of in situ Iron Enrichment: Data Compilation and Modeling

Duce

The group has made good progress this year in compiling data from past iron-enrichment experiments, but the work of putting the data into an open access database is not yet completed. The group has requested additional funding for a post-doctoral fellow to work with the data center, as well as funding for a workshop on modeling the enrichment experiments. They also see approval for remaining WG members. (The co-chairs were only approved for the first phase of the group.)

Action: Consider membership changes and funding request.

2.2.10 SCOR/LOICZ WG 132 on Land-based Nutrient Pollution and the Relationship to Harmful Algal Blooms in Coastal Marine Systems *Kuparinen*

This group is being co-funded by the Institute of Oceanology of the Chinese Academy of Sciences and the Land-Ocean Interactions in the Coastal Zone project, with a small amount of funding added by SCOR. They made good progress on their work starting in mid-2008 and plan their second meeting in October 2009, in conjunction with the SCOR Executive Committee meeting in Beijing, China.

Action: Consider funding for 2009 meeting.

2.3 New Working Group Proposals

Three working group proposals were received by the SCOR Secretariat. SCOR can fund one or two new working groups to begin in 2008.

2.3.1 Working Group on Evaluating the Ecological Status of the World's Fished Marine Ecosystems *Pierrot-Bults*

Action: Determine whether to approve as new SCOR working group.

2.3.2 OceanScope Working Group *Mysak*

Action: Determine whether to approve as new SCOR working group.

2.3.3 Working group on the Coral Triangle: The centre of maximum marine biodiversity *Burkill*

Action: Determine whether to approve as new SCOR working group.

2.3.4 Working Group on Global Patterns of Phytoplankton Dynamics in Coastal Ecosystems: Comparative Analysis of Time-Series Observations *Kuparinen*

Action: Determine whether to approve as new SCOR working group.

2.3.5 Working Group on Hydrothermal energy transfer and its impact on the ocean carbon cycles *Sundby*

Action: Determine whether to approve as new SCOR working group.

2.3.6 Working Group on Coupled climate-to-fish models for understanding mechanisms underlying low-frequency fluctuations in small pelagic fish *MacCracken*

Action: Determine whether to approve as new SCOR working group.

2.3.7 Working Group on The Microbial Carbon Pump in the Ocean *Burkill*

Action: Determine whether to approve as new SCOR working group.

3.0 LARGE-SCALE SCIENTIFIC PROGRAMS

3.1 SCOR/IGBP/IOC Global Ocean Ecosystems Dynamics (GLOBEC)

Project

Burkill

GLOBEC held its 2008 SSC meeting in Cape Town, South Africa in conjunction with the IGBP Congress. GLOBEC continues its integration and synthesis activities to work toward its completion at the end of 2009. GLOBEC and IMBER are working together on an activity on end-to-end food webs and the transition team met for the first time in July 2008 to identify aspects of GLOBEC that IMBER might take on after GLOBEC ends. They will meet for the second and final time in December 2008. GLOBEC's synthesis book is well under way and will be completed by the time of GLOBEC's June 2009 final open science meeting.

Action: None.

3.2 SCOR/IOC Global Ecology and Oceanography of Harmful Algal Blooms (GEOHAB) Program

Hong

GEOHAB continues to develop its Core Research Projects (CRPs). The research plan for the HABs in Stratified Systems is in press now. A new Asian GEOHAB activity is under development and a second meeting was held in Vietnam in January 2008. The next SSC meeting will be held in Galway, Ireland in June 2009, in conjunction with a GEOHAB Modeling Workshop (see **p. 3-14**). GEOHAB still needs an International Program Office.

Action: Consider new SSC members?

3.3 SCOR/IGBP Integrated Marine Biogeochemistry and Ecosystem Research (IMBER) Project

Duce

IMBER held a joint open science meeting with LOICZ on coastal margin science in Shanghai, China in Sept. 2007, and an implementation plan for cooperative science in coastal areas is being produced. The IMBER SSC met most recently in May 2008 in Cape Town, South Africa in conjunction with the IGBP Congress. IMBER will hold an open science meeting (Imbizo) in late 2008, with an innovative structure (see **p. 3-31**). IMBER received commitments of renewed funding for its IPO through 2011, and is about to name a new Executive Officer.

Action: Consider new SSC members?

3.4 GEOTRACES Project

Duce

The GEOTRACES Scientific Steering Committee held its second meeting in Barcelona, Spain in November 2007. One of the two GEOTRACES intercalibration cruises (in the Atlantic Ocean) was conducted in mid-2008 and the second is scheduled for 2009. GEOTRACES has established an international GEOTRACES Data Management Office at the British Oceanographic Data Centre (BODC) in Liverpool, UK, and a full-time Data Liaison Officer has been hired. The U.S. National Science Foundation (NSF), BODC, and the UK Natural Environment Research Council are co-funding the position. NSF and several European sources are co-funding the first full-time position for a GEOTRACES International Project Office in Toulouse, France and the position will be advertised by the end of 2008. The GEOTRACES SSC will meet next in Toyama, Japan in November 2008. The Japanese hosts are paying for the

group's lodging and some other expenses. The first SSC rotations will take place in 2009.

Action: None.

3.5 SCOR/IGBP/WCRP/CACGP Surface Ocean-Lower Atmosphere Study *Hong*

SOLAS is planning its third open science meeting (in Barcelona, Spain) and fourth summer school for 2009. SOLAS and IMBER have created a cooperative research activity related to ocean carbon and have formed a working group to guide the activity and to interact with IOCCP. SOLAS is reviewing its progress and potentially revising its plans at mid-project.

Action: None

4.0 OCEAN CARBON AND OTHER ACTIVITIES

4.1 IOC/SCOR International Ocean Carbon Coordination Project (IOCCP)

Sundby, Urban

IOCCP has continued to be very productive in the past year (see **p. 4-1**). NSF is funding 1+ positions at IOC for IOCCP and is providing activity funding through SCOR. IOCCP and PICES published a revised CO₂ methods handbook (see **p. 8-6**) in 2008. The group's major activity for the coming year will be a panel to revise the WOCE/CLIVAR hydrography manual, a workshop on biogeochemical measurements at time-series stations, and an activity on standards for ocean acidification experiments. Maria Hood, the IOCCP director, will be moving to part-time status in 2009 and a search is underway for a full-time replacement for her.

Action: None

4.2 SCOR-IOC International Symposium on "The Ocean in a High-CO₂ World" *Duce*

SCOR, IOC, IAEA and IGBP will hold the second symposium on The Ocean in a High-CO₂ World on 6-9 October 2008, at the Oceanography Museum in Monaco. The symposium has attracted about 250 registrants, and will include about 50 oral presentations and 110 posters. Our Nominated Member for Monaco, Michel Boisson, as well as the Planning Committee chair, Jim Orr, have been instrumental in raising additional funding for the symposium from local sources and capably handling many of the local logistics. IOC and IGBP are helping with communications and interactions with the press. The Prince Albert II of Monaco Foundation is providing funding for the symposium and Prince Albert II will be addressing the symposium on the final day.

Action: None.

4.3 Other Activities

4.3.1 Third SCOR Summit of International Marine Research Projects

Urban

SCOR obtained funding from the Alfred P. Sloan Foundation to convene a third meeting of representatives of the major large-scale ocean research projects, both SCOR-sponsored and others. The meeting will be held at the University of Delaware, Newark, Delaware, USA on 30 March-1 April 2009. The major discussion items so far include data Management/data

publication/project data legacy, capacity building, observing technology/ocean biology observatories, project visibility/publicity, modeling, and interactions with intergovernmental organizations.

Actions: Appoint a chair or co-chairs from the SCOR Executive Committee.

4.3.2 Panel on New Technologies for Observing Marine Life

Pierrot-Bults

The fourth meeting of the panel was held in Auckland, New Zealand in November 2007, in conjunction with the Census of Marine Life (CoML) All Program Meeting there. In October 2007, the Panel sponsored a special session on geolocation of electronic tags on marine organisms, at a major symposium on electronic tagging (see <http://unh.edu/taggingsymposium/>), and a report of the workshop has been published by CSIRO. The grant to the Panel concluded in June 2007, but the Sloan Foundation has allocated new funding for the Panel for the coming three years. The Panel's primary task will be to create a CoML technology synthesis as part of the overall CoML synthesis, as the program comes to an end in 2010. The Panel will also oversee two cross-project synthesis activities on electronic tagging and will convene a meeting on ocean biology observatories in conjunction with OceanObs09 in Venice, Italy in September 2009.

Action: None.

4.3.3 SOLAS/INI Workshop on Anthropogenic Nitrogen Impacts on the Open Ocean

MacCracken

The article that resulted from this meeting was published in *Science* in May 2008.

Action: None

5.0 CAPACITY-BUILDING ACTIVITIES

5.1 SCOR Committee on Capacity Building

Ittekkot

The committee will meet for the first time just prior to the SCOR 50th Anniversary Symposium, on 17-18 October to discuss several draft documents and develop a work plan for the coming year.

Actions: Consider requests from the Committee's meeting.

5.1.1 Regional Graduate Schools of Oceanography and Marine Environmental Sciences

Ittekkot

This activity is still unfunded, but the new Committee on Capacity Building will discuss potential funding sources. The committee will consider potential regional meetings to explore the idea on a regional basis.

Action: None

5.1.2 POGO-SCOR Visiting Fellowships for Oceanographic Observations

Urban

84 applications were received for this program in 2008. POGO and SCOR awarded 15 fellowships.

Action: Consider whether to provide funding in 2009.

5.1.3 NSF Travel Support for Developing Country Scientists

Urban

SCOR received a three-year renewal of its grant from the U.S. National Science Foundation at a level of \$75,000 per year. The grants have been an important source of support for several SCOR-related meetings in the past year (see 2007 *SCOR Proceedings*). New requests are listed on pp. 5-4 and 5-5.

Action: Consider recommendations for SCOR Committee on Capacity Building

5.1.4 SCOR Reports to Developing Country Libraries

Urban

The SCOR Secretariat distributed two reports to developing country libraries since the 2007 SCOR meeting: the *Guide to Best Practices for Ocean CO₂ Measurements* and the 2007 *SCOR Proceedings*.

Action: None

6.0 RELATIONS WITH INTERGOVERNMENTAL ORGANIZATIONS

6.1 Intergovernmental Oceanographic Commission

Sundby

Bjørn Sundby and Ed Urban attended the IOC Executive Council in June 2008 to represent SCOR. ICSU asked SCOR to represent ICSU at the meeting. Sundby and Urban made several interventions at the meeting on behalf of SCOR and/or ICSU (see p. 6-1). SCOR and IOC cooperate on several different activities, as discussed in other sections.

Action: None

6.1.1 Global Ocean Observing System (GOOS)

Hong

GOOS is working with the Global Earth Observation System of Systems (GEOSS) on implementing an ocean observation system and within the past year achieved the goal of 3,000 Argo floats. GOOS is promoting the Chlorophyll Global Integrated Network (ChloroGIN) project which aims to increase the in situ measurement of chlorophyll in the ocean and to combine these data with satellite-derived estimates.

Action: None.

6.2 Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP)

Duce

SCOR and GESAMP collaborated in the past year on a position statement on ocean iron fertilization (see p. 6-28) and an article was published in EOS to publicize the statement (see p. 6-31).

Action: None.

6.3 North Pacific Marine Science Organization (PICES)

Akulichev

PICES conducts several activities that are relevant to SCOR interests and that implement SCOR activities in the North Pacific region. The PICES annual meeting will occur in China immediately after the SCOR meeting, so SCOR will not be sending a representative.

Action: Consider request for developing country scientist travel support.

7.0 RELATIONS WITH NON-GOVERNMENTAL ORGANIZATIONS

7.1 International Council for Science

Sundby, Urban

ICSU has continued its development of regional offices in Africa, Southeast Asia, and South America. ICSU has designated SCOR its representative at IOC annual meetings.

Action: None

7.1.1 International Geosphere-Biosphere Program (IGBP)

Duce, Sundby

Bjørn Sundby and Ed Urban attended the IGBP Science Committee meeting in Cape Town, South Africa in May 2008 to represent SCOR. SCOR and IGBP staff members have ongoing discussions in relation to co-sponsored projects.

Action: Determine which SCOR decisions need to be transmitted to IGBP for comment and joint action, particularly in relation to approvals of SSC members for joint projects.

7.1.2 World Climate Research Programme (WCRP)

MacCracken

WCRP is co-sponsoring the SOLAS project and SCOR projects are working well with CLIVAR, the part of WCRP most relevant to SCOR. CLIVAR, IMBER, and GLOBEC conducted the CLIMECO training workshop in April 2008. CLIVAR will participate in the 2009 SCOR Project Summit.

Action: Discuss any new interactions that SCOR should initiate with WCRP.

7.1.3 Scientific Committee on Antarctic Research (SCAR)

Kuparinen

SCAR and SCOR are co-sponsoring a joint Expert Group on Oceanography. The major event for this group for 2008 was a second meeting to create a plan for a Southern Ocean Observing System. SCOR helped obtain NOAA support for the meeting.

Action: Consider 2009 funding for the Expert Group on Oceanography.

7.1.4 Scientific Committee on Problems of the Environment (SCOPE)

Sundby, Pierrot-Bults

SCOR's major cooperative activity with SCOPE (and IAPSO) in the past two years has been the PACKMEDS project (see p. 7-9). The book from activity is in press and SCOR has played a major role (through Ed Urban and Bjørn Sundby) in its review and editing.

Action: Discuss any new interactions that SCOR should initiate with SCOPE.

7.2 Affiliated Organizations

7.2.1 International Association for Biological Oceanography (IABO)

Pierrot-Bults

Action: Discuss potential areas of interaction with IABO.

7.2.2 International Association for Meteorology and Atmospheric Sciences (IAMAS)

MacCracken

Mike MacCracken, as IAMAS past-president, continues as IUGG/IAMAS liaison to SCOR.

Action: Discuss potential areas of interaction with IAMAS.

7.2.3 International Association for the Physical Sciences of the Oceans (IAPSO)

Mysak

SCOR and IAPSO are currently co-sponsoring WG 122 on Estuarine Sediment Dynamics (with LOICZ), WG 127 on Thermodynamics and Equation of State of Seawater, and WG 129 on Deep Ocean Exchanges with the Shelf.

Action: None.

7.3 Affiliated Programs

The benefit of continued affiliation to SCOR is evaluated at each General Meeting. All of these programs will be invited to send representatives to the project summit sponsored by SCOR in 2009. SCOR is using the project summits to help (among other benefits) the affiliated projects interact with other large-scale ocean research projects; there is no other forum for this interaction to take place.

7.3.1 Census of Marine Life (CoML)

Burkill, Ausubel, Gallardo

In 2010, this international research program will release its first report on the status of knowledge of marine biodiversity. To meet this deadline, CoML has begun implementing plans for integration, synthesis and visualization of marine biodiversity information, as well as the management needs to achieve them. This information is actively being collected by the 14 CoML Ocean Realm Field Projects and three cross-cutting initiatives in historical studies (HMAP – History of Marine Animal Populations), modeling and prediction (FMAP – Future of Marine Animal Populations), and data management and accessibility (OBIS – Ocean Biogeographic Information System). CoML will hold a synthesis meeting in Long Beach, California, USA in February 2009 and a final conference in London in 2010.

Action: Consider continued affiliation.

7.3.2 International Antarctic Zone (iAnZone) Program

Kuparinen

iAnZone last met in conjunction with the Polar Dynamics meeting in Bergen in August 2007, and made an extended presentation at the SCOR Executive Committee meeting.

Action: Consider continued affiliation.

7.3.3 International Marine Global Changes Study (IMAGES)

Labeyrie

SCOR and IMAGES are currently co-sponsoring WG 124 on Analyzing the Links Between Present Oceanic Processes and Paleo-Records.

Action: Consider continued affiliation.

7.3.4 InterRidge - International, Interdisciplinary Ridge Studies

Labeyrie

InterRidge has an active program of working groups and scientific meetings, as well as significant education and outreach activities.

Action: Consider continued affiliation.

7.3.5 International Ocean Colour Coordinating Group (IOCCG)

Kuparinen

Several monographs are in progress by IOCCG scientific working groups over the past year and 6 have been published in the IOCCG Report series so far. Seven other scientific working groups are in various stages of progress.

Action: Consider continued affiliation.

7.4 Other Organizations

7.4.1 Partnership for Observation of the Global Ocean (POGO)

Duce

The 2008 POGO meeting will be held in Concepcion, Chile in January 2009. POGO and SCOR are participating together on the POGO-SCOR Visiting Fellowships for Oceanographic Observations and on developing new capacity-building activities. POGO devotes much effort to capacity building and to ocean input to the Global Earth Observing System of Systems (GEOSS).

Action: None

7.4.2 Arctic Ocean Sciences Board (AOSB)

Kuparinen

The AOSB re-established contact with SCOR in 2007 and is interested in expanding its role in the global oceans programs and will be looking to new linkages with various international marine science organizations such as SCOR and GOOS. AOSB will merge with the International Arctic Science Committee in the coming year.

Action: None.

8.0 ORGANIZATION AND FINANCE

8.1 Membership

8.1.1 National Committees

Duce, Urban

Bjørn Sundby and Ed Urban met with the South African SCOR Committee in May 2008 and with the French SCOR Committee in June 2008, in conjunction with other meetings. Ed Urban also met with the China (Beijing) and U.S. SCOR committees. The changes in Nominated Members since the 2007 Executive Committee Meeting are given on **p. 8-1**.

Action: None.

8.2 Publications Arising from SCOR Activities

Urban

Publications from Working Groups and Major Projects—Major publications from SCOR activities produced since the 2007 SCOR meeting include the following:

The list of publications from SCOR-funded activities that have appeared in the past year can be found on **p. 8-6** and **8-7**.

2007 *SCOR Proceedings*—The *Proceedings* will be printed and distributed in September or October 2007.

SCOR Web site—The SCOR Web site is updated and checked for dead links regularly.

SCOR Newsletter—The SCOR Electronic Newsletter was started late in 2004, to provide more frequent updates about SCOR activities between annual meetings. Eleven issues have been distributed so far. (All are available on the SCOR Web site.) The SCOR Secretariat will issue three newsletters each year. The SCOR Secretariat improved the layout and design of the Newsletter in 2007 and will continue to have it printed in hard copy occasionally for limited distribution.

Action: Are additional changes needed to the Web site and/or the SCOR Newsletter?

8.3 Finances

Finance Committee, Urban, Gross

The annual audit was completed in May. Elizabeth Gross worked to prepare information for the auditors. The financial records and financial controls were found to follow accepted standards (see p. 8-11).

SCOR received the following new or renewal grants since the 2007 SCOR meeting:

- Renewal of NSF grant for travel of scientists from developing countries to ocean science meetings
- Supplemental funding to SCOR's science grant from NSF, for the GEOTRACES Data Management Office and International Project Office, and for GLOBEC and IMBER open science conferences
- Funding from the U.S. Office of Naval Research for the workshop of SCOR/IAPSO WG 129 on Deep Ocean Exchanges with the Shelf
- Agreement by the Land-Ocean Interactions in the Coastal Zone to co-fund SCOR/LOICZ WG 132 on Land-based Nutrient Pollution and the Relationship to Harmful Algal Blooms in Coastal Marine Systems
- Agreement from the Institute of Oceanology of the Chinese Academy of Sciences to co-fund LOICZ/SCOR WG 132 on Land-based Nutrient Pollution and the Relationship to Harmful Algal Blooms in Coastal Marine Systems
- Renewal of the grant from the Alfred P. Sloan Foundation for the SCOR Panel on New Technologies for Observing Marine Life

Actions: (1) Approve revised 2008 SCOR budget, (2) approve 2009 SCOR budget, and (3) approve any dues increases for 2010, as recommended by the Finance Committee.

8.4 The Disciplinary Balance among SCOR Working Groups

Disciplinary Balance Committee

Actions: Discuss instructions needed for 2009 working group proposals.

9.0 SCOR-RELATED MEETINGS

9.1 SCOR Annual Meetings

Meeting participants will consider potential locations in which to hold future meetings, particularly in nations that have not recently hosted annual meetings.

9.1.1 2008 General Meeting – Woods Hole, Massachusetts, USA

Sundby

Action: Thank U.S. hosts for their hospitality in hosting both the SCOR 50th Anniversary Symposium and the 2008 General Meeting.

9.1.3 2009 Executive Committee Meeting – Beijing, China

Sundby

The SCOR Executive Committee agreed in 2007 to accept the offer from the Chinese SCOR Committee to hold the 2009 SCOR Executive Committee meeting in China.

Action: Set dates and discuss other meeting-related issues.

9.1.3 2010 General Meeting

Sundby

The SCOR Executive Committee has accepted an offer from the French SCOR Committee to hold the 2010 General Meeting in Toulouse, France.

Action: None.

9.2 Other meetings of interest to SCOR

Urban

Other SCOR-related meetings are listed on **p. 9-4**.