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8.1 Membership

8.1.1 National Committees

Report on Membership Changes Since 2007 SCOR Executive Committee Meeting

CHILE	Cristian Soro replaced Jorge Ibarra
NETHERLANDS	Bert Hoeksema and Jack Middleberg added
RUSSIA	Sergey Dobrolubov and Sergey Shapovalov replaced V.V. Sapozhnikov and A.G. Zatsepin
SPAIN	Spain has increased its membership from Category I to II
SWEDEN	Lena Kautsky and Johan Rodhe have replaced Bertil Håkansson and Björn Sjöberg
UNITED STATES	Jorge Corredor and Jay Pearlman replaced Bob Duce and Frank Mueller-Karger



Map generated from <http://www.world66.com/myworld66/visitedCountries>.

Nominated Members of SCOR Member Nations

The following countries have National SCOR Committees and provide Nominated Members to SCOR. For each country, the names of the Nominated Members are given according to the most recent information available to the SCOR Secretariat. The president or chair of the national SCOR committee is given in boldface type, where known. Links to individual nations' Web sites are given below, where known.

Nation	Nominated Members to SCOR		
Australia	Terry Done	Trevor McDougall	John Volkman
Belgium	C. Heip	J.C.J. Nihoul	François Ronday
Brazil	Zelinda M. Leão	Mauricio M. Mata	Ilana Wainer
Canada	Gordon McBean	Rob MacDonald	Bjørn Sundby
Chile	Cristian Soro	Carmen Morales	Andres Enriquez
China - Beijing	Hong Huasheng	Wang Pinxian	Zhu Mingyuan
China - Taipei	Char-Shine Liu	Gwo-Ching Gong	Wu-Ting Tsai
Denmark	Erik Buch	Birger Larsen	Torkel Gissel Nielsen
Ecuador	Edwin Pinto	Nikita Gabor	M. Pilar Cornejo
Finland	Riitta Autio	Jorma Kuparinen	Eeva-Liisa Poutanen
France	Catherine Jeandel	Laurent Labeyrie	Marie-Alexandrine Sicre
Germany	Uli Bathmann	Colin Devey	Wolfgang Fennel
India	S.W.A. Naqvi	R. Ramesh	S.R. Shetye
Israel	Lev Fishelson	John K. Hall	Arthur Hecht
Italy	Roberto Meloni	Roberto Purini	
Japan	Toshitaka Gamo	Motoyoshi Ikeda	Satoru Taguchi
Mexico	Mario Martinez Garcia	Adolfo Gracia Gasca	Clara Morán
Monaco	Michel Boisson		
Netherlands	Lucas Stal	Bert Hoeksema	Jack Middelburg
New Zealand	Julie Hall	Terry Healy	Keith A. Hunter
Norway	Dag Aksnes	Peter Haugan	Tore Vorren
Pakistan	Mohammad Mozaam Rabbani	Tariq-ur-Rehman	Samina Kidwai
Peru	Carlos Bocanegra Garcia	Enedia Vieyra Peña	Luis Icochea Salas
Poland	Czeshaw Druet	Piotr Szefer	Jan M. Weslawski
Russia	Victor A. Akulichev	Sergey Dobrolubov	Sergey Shapovalov
South Africa	John Compton	Ashley Johnson	Lynne Shannon
Spain	Marta Estrada	Alicia Lavín	Pere Masqué
Sweden	Ingemar Cato	Lena Kautsky	Johan Rodhe
Switzerland	Daniel Ariztegui	Karl Föllmi	Kurt Hanselmann
Turkey	Temel Oguz	Ruhi Saatcilar	
United Kingdom	Peter Burkill	Karen Heywood	
United States	Jorge Corredor	Mary Feeley	Jay Pearlman

Royal Society Initiative

The Royal Society (UK) developed an initiative to pay the dues of African nations for a few years for membership in ICSU organizations (see emails below). SCOR approached individuals in Egypt, Mozambique, Namibia, and Tanzania, but none could produce the justification for joining SCOR and evidence that they could continue to pay the dues beyond the Royal Society support.

From: Sprackett, Joanna

Sent: 28 February 2008 11:04

Subject: Funding available from the UK's Royal Society to increase African membership of the ICSU Scientific Unions (and other committees) - your help is required

Dear all,

This email contains information on a scoping study and also a generic email we would like you to send out to potential African members of your ICSU Scientific Union by 7 March. (For the purpose of this email, the term 'Scientific Union' also refers to the bodies ICA, SCAR, SCOPE, COSPAR, SCOR, SCOSTEP and IGBP.)

I hope you are well. I am emailing regarding a Royal Society project which aims to support and increase African membership of ICSU Scientific Unions (SUs). The Royal Society is the UK's national academy of sciences. The project involves several stages:

1. Conducting a scoping study to ascertain current and potential African membership of ICSU SUs (this has now been completed – see below for further information).
2. With your help, we would like to encourage potential African SU members and existing ones who may be in arrears with their subscription to apply to us for funding. They can do this by submitting to us a short report. For those who are successful, we will pay their 2008 SU subscription fees directly to the relevant SU (with the possibility of further funding in 2009 and 2010).

Scoping study

We have just completed a scoping study which aimed to establish current and potential African membership of the SUs. To do this, we emailed our contacts at the UK learned societies who are adhered to SUs, requesting the relevant information. In some cases I then emailed the SU secretariat directly to ascertain further details, so some of you will already be aware of this project.

We received many responses and supplemented the information with that which is available on some of the SU websites. Please find attached a spreadsheet: the first page gives a breakdown of SU membership by African country and membership category. The second page gives a

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breakdown of annual subscription fees (in £) by country and membership category. I hope you find the information useful and interesting. If you have any changes or additions to make to the scoping study spreadsheet, please let me know as soon as possible.

Next steps

Now that we have completed the scoping study, I would like to encourage you to contact potential African members (and existing ones who may be in arrears with their subscription) letting them know that they can apply to us for funding. Although we have limited funds for this project (£10,000 per annum for a possible three years), we will still be able to fund the subscription fees for a significant number of African organisations. However, to do this, we need to make sure that they are aware of this opportunity and we are relying on your help to do so.

If you are able to help, I have written a generic email for you to send out **by Friday 7 March** (please see attached). Please copy me into any emails you send out so that I can send out reminder emails as we near the deadline for receiving funding applications (Friday 21 March). I strongly encourage you to send out the emails and hope that you will be able to do so.

We believe that both the ICSU SUs and the African organisations can benefit enormously from increased African participation in SU activities and hope you will agree that this is a worthwhile exercise.

If you have any questions, please do not hesitate to get in touch.

Best wishes

Joanna

From: Sprackett, Joanna

Sent: 25 April 2008 10:54

Subject: Update of work to increase African membership of ICSU Scientific Unions

Dear all,

This email contains an update on the capacity building project we have been working on with the Scientific Unions (SUs) to help increase their African membership.

Following the completion of our scoping study on current and potential African members of the SUs, we asked the SU secretariats to contact their current and potential African members to let them to know they should apply to us for funding of their SU 2008 membership. Below is a list of organisations that have been successful in applying to us for funding – as a result we will be paying their 2008 membership fees to their respective SU.

ICSU SU	African organisation
IGBP	IGBP-IHDP/RD-Congo Committee
IGBP	IGBP-Benin
IGBP	Botswana Global Environmental Change Committee
IGBP	IGBP Morocco committee
IGBP	Ivory Coast IGBP National Committee
IGBP	Cameroon IGBP committee
INQUA	Eastern African Quarternary Research Association
IUGG	Centre de Recherche en Geophysique, DRC
IUGG	IUGG-Ghana
IUGG	IASPEI/IUGG National Correspondent, Morocco
IUGS	Department of Mines and Geology, Lesotho
IUGS	Ministry of mines and geology, Senegal
IUGS	Ivory Coast member
IUPS	Physiological Society of Nigeria
URSI	Nigerian Union of Radio Science

Several other organisations have applied to us (in relation to SCOR and IUGS), and we are in the process of evaluating their applications.

Many thanks to all of you who have helped make this project a success.

I hope this update is useful - if you have any questions or comments, please do not hesitate to get in touch.

Best wishes

Joanna

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8.3 Publications Arising from SCOR Activities

The following publications resulted from SCOR activities since the 2007 Executive Committee Meeting. Each project results in many more publications than are listed below, from national committee and regional activities and they maintain lists of their publications on their Web sites. Please see project reports in Section 3 for more detailed lists.

Guide to Best Practices for Ocean CO₂ Measurements—The International Ocean Carbon Coordination Project (an IOC/SCOR activity), North Pacific Marine Sciences Organization (PICES), and U.S. Department of Energy collaborated to update this manual. It contains the most up-to-date information available on the chemistry of CO₂ in seawater and the methods for determining carbon system parameters. Copies were sent to the SCOR list of libraries in developing countries and countries with economies in transition. Others wishing to obtain copies of this document should contact Alex Kozyr (kozyra@ornl.gov).



SCOR/IAPSO WG 127: Millero, F.J., R. Feistel, D.G. Wright, and T.J. McDougall. 2008. The composition of Standard Seawater and the definition of the Reference-Composition Salinity Scale. *Deep Sea Research, Part I* 55:50-72.

SOLAS/INI Workshop: R.A. Duce, J. LaRoche, K. Altieri, K.R. Arrigo, A.R. Baker, D.G. Capone, S. Cornell, F. Dentener, J. Galloway, R.S. Ganeshram, R.J. Geider, T. Jickells, M.M. Kuypers, R. Langlois, P.S. Liss, S.M. Liu, J.J. Middelburg, C.M. Moore, S. Nickovic, A. Oschlies, T. Pedersen, J. Prospero, R. Schlitzer, S. Seitzinger, L.L. Sorensen, M. Uematsu, O. Ulloa, M. Voss, B. Ward, L. Zamora. 2008. Impacts of Atmospheric Anthropogenic Nitrogen on the Open Ocean. *Science* 320:893-897;DOI: 10.1126/science.1150369

SCOR Panel on New Technologies for Observing Marine Life: Evans, K., and G. Arnold. 2008 *Report on a geolocation methods workshop convened by the SCOR Panel on New Technologies for Observing Marine Life, 5-6 October 2007*. San Sebastián, Spain.

SCOR/GESAMP on Deliberate Nutrient Additions to the Ocean: Urban, E., and F. Haag. 2008. Organizations Urge Caution on Ocean Fertilization Experiments. *EOS: Transactions of the American Geophysical Union* 89(19):179.

SCOPE/IAPSO/SCOR PACKMEDS Project: Urban, E.R. Jr., B. Sundby, P. Malanotte-Rizzoli, and J. Mellilo (eds.). 2008. *Watersheds, Bays, and Bounded Seas: The Science and Management of Semi-Enclosed Marine Systems*. In press.

Urban, E., S. Sathyendranath, and J. de Leeuw. New Database of Research Cruises, Submitted to *EOS*. In review.

8.3 Finances

8.3.1 Annual Financial Reports

The following statements include pages from the 2008 Auditor's Report, which show that SCOR financial procedures followed standard accounting procedures. Also included in this section are the final financial report for 2007 (which links to the financial statements contained in the Auditor's Report) and projected 2008 income and expenses through 31 Dec. A draft budget for 2009 will be presented at the meeting. We show only the discretionary accounts in the 2008 budgets because this is the only part of our spending for which SCOR can exercise its discretion.

[The financial reports will be distributed at the beginning of the meeting.]

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Raphael Kahn, CPA

Stuart Solomon, CPA

Basil Taibel, CPA, CVA

Bruce D. Mogol, CPA

Jeffrey Berman, CPA, CFP

David J. Weisenfreund, CPA

Deanna M. Amos, CPA

Jeffrey S. Reinhardt, CPA, CVA

INDEPENDENT AUDITORS' REPORT

To the Board of Directors
Scientific Committee on Oceanic Research, Inc.

We have audited the accompanying statement of financial position of Scientific Committee on Oceanic Research, Inc. (a nonprofit organization) as of December 31, 2007, and the related statements of activities and cash flows for the year then ended. These financial statements are the responsibility of the Organization's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Scientific Committee on Oceanic Research, Inc. as of December 31, 2007, and the changes in its net assets and cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

KAHN, BERMAN, SOLOMON, TAIBEL & MOGOL, P.A.

Kahn, Berman, Solomon, Taibel & Mogol, P.A.

Timonium, Maryland
May 8, 2008

Kahn, Berman, Solomon, Taibel & Mogol, P.A.

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SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH, INC.
STATEMENT OF FINANCIAL POSITION
DECEMBER 31, 2007

ASSETS

CURRENT ASSETS	
Cash and cash equivalents	\$ 245,354
Accounts receivable	9,624
Grants and contracts receivable	15,334
Prepaid expenses	<u>9,326</u>
Total current assets/ Total assets	<u>\$ 279,638</u>

LIABILITIES AND NET ASSETS

CURRENT LIABILITIES	
Accounts payable and accrued expenses	\$ 40,599
Deferred revenue	<u>41,625</u>
Total current liabilities/ Total liabilities	<u>82,224</u>
NET ASSETS	
Unrestricted net assets	<u>197,414</u>
Total unrestricted net assets/ Total net assets	<u>197,414</u>
Total liabilities and net assets	<u>\$ 279,638</u>

See accompanying notes and independent auditors' report.

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SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH, INC.
STATEMENT OF ACTIVITIES
YEAR ENDED DECEMBER 31, 2007

UNRESTRICTED NET ASSETS	
SUPPORT AND REVENUE	
Grant and contract revenue	\$ 646,216
Membership contributions	265,561
Meeting registration fees and miscellaneous income	66,547
Interest income	<u>8,028</u>
TOTAL SUPPORT AND REVENUE	<u>986,352</u>
EXPENSES	
PROGRAM SERVICES:	
Scientific programs	643,847
Travel and subsistence awards	<u>94,016</u>
TOTAL PROGRAM SERVICE EXPENSES	737,863
SUPPORT SERVICES:	
Management and general	<u>235,782</u>
TOTAL EXPENSES	<u>973,645</u>
CHANGE IN UNRESTRICTED NET ASSETS	12,707
UNRESTRICTED NET ASSETS, beginning of year	<u>184,707</u>
UNRESTRICTED NET ASSETS, end of year	<u>\$ 197,414</u>

See accompanying notes and independent auditors' report.

8.3.2 SCOR Dues (as of 17 September 2008)

SCOR Dues in Arrears (as of 17 September 2008)

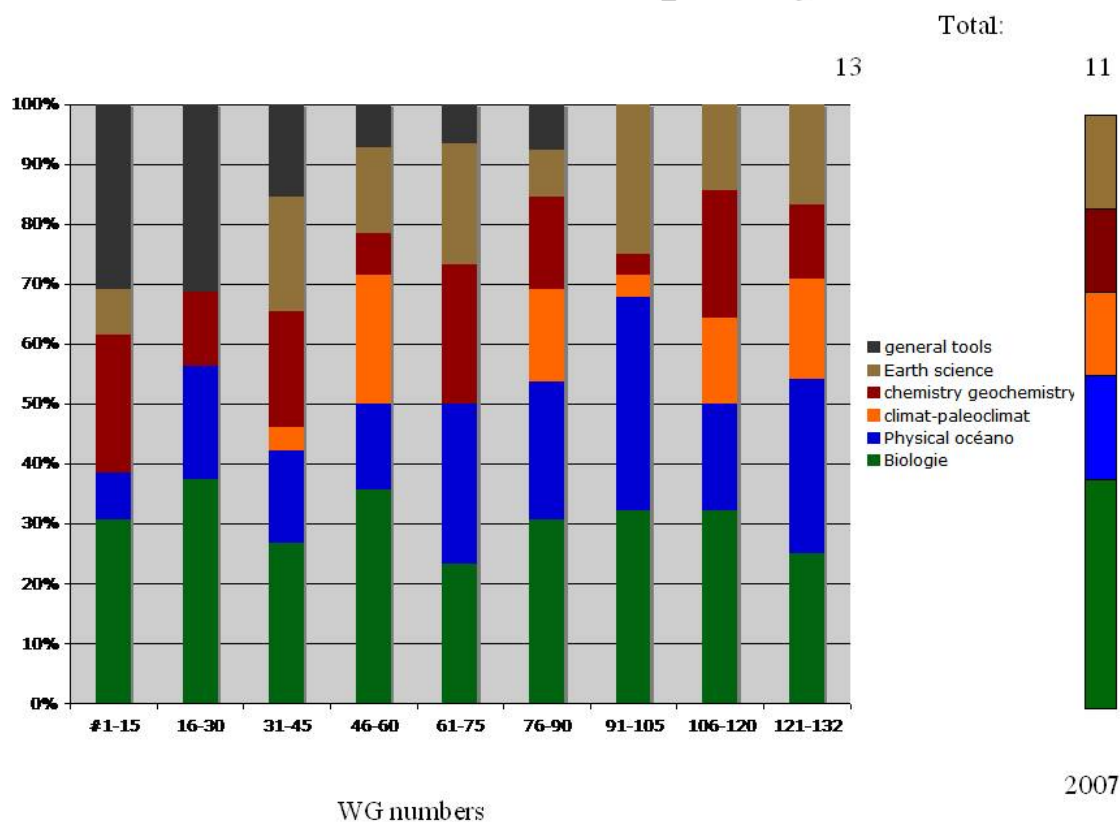
Membership Category	Nation	2006	2007	2008	Total
II	Australia				\$0
observer	Bangladesh				\$0
II	Belgium				\$0
I	Brazil				\$0
IV	Canada			\$0	\$0
II	Chile				\$0
III	China-Beijing			\$9,830	\$9,830
II	China-Taipei				\$0
II	Denmark				\$0
I	Ecuador	\$1,825	\$1,825	\$1,880	\$5,530
observer	Egypt				\$0
II	Finland				\$0
III	France			\$983	\$983
IV	Germany				\$0
II	India			\$5,070	\$5,070
I	Israel				\$0
III	Italy				\$0
V	Japan				\$0
I	Mexico			\$1,880	\$1,880
I	Monaco				\$0
II	Netherlands				\$0
I	New Zealand				\$0
II	Norway				\$0
I	Pakistan				\$0
I	Peru		\$1,806	\$1,880	\$3,686
observer	Philippines				\$0
I	Poland				\$0
V	Russia				\$0
III	South Africa			\$9,830	\$9,830
II	Spain				\$0
III	Sweden				\$0
I	Switzerland				\$0
I	Turkey				\$0
IV	UK				\$0
V	USA				\$0
Totals		\$3,650	\$3,631	\$31,003	\$36,809

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8.4 The Disciplinary Balance among SCOR Working Groups

SCOR examines the disciplinary balance of its working groups annually. The 2007 evaluation found that the set of SCOR working groups is relatively balanced, given that other organizations are already focusing on climate issues. However, it was recommended that more attention be given to interdisciplinary topics.

Evolution of WG disciplinary balance



The SCOR Meeting will need to discuss the disciplinary balance after new working groups are approved to determine whether the 2009 Call for Working Group Proposals needs to note specific disciplinary areas.

8.5 Review Process for SCOR Executive Director

The third review of the SCOR Executive Director should take place between this meeting and the 2009 SCOR Executive Committee meeting. The process is conducted by the SCOR President, Past President, and Secretary, who seek input from a wide range of individuals who interact with the SCOR Executive Director.