



# **IASC Council Meeting**

**ASSW 2013, Krakow (Poland)**

Auditorium Maximum

Exhibition Room A

Tuesday, 16 April 2013 (09.00-18.00)

***draft* Report**

# IASC Council Meeting

ASSW 2013, Krakow (Poland)

## Open Session

Tuesday, 16 April 2013

- 09.00-10.30** Morning Session I (Open Session)
- 10.30-11.00** Coffee Break
- 11.00-12.00** Morning Session II (Open Session)
- 12.00-14.00** Lunch (provided)
- 14.00-16.30** Afternoon Session I (Open Session)

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- ANNEX 2.3.1:** Presentation of the Bipolar Action Group.
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- ANNEX 2.3.3a:** Presentation of the IASC Data Policy Action Group.
- ANNEX 2.3.3b:** Revised IASC Statement of Principles and Practices for Arctic Data Management.
- ANNEX 3.3:** Minutes of the joint SCAR/IASC Executive Committee meeting.
- ANNEX 3.5:** International Polar Initiative (IPI) presentation.
- ANNEX 4.1:** ASSW 2014 presentation.
- ANNEX 4.2:** ICARP III presentation.

# 1 OPENING AND REPORTING

## 1.1 WELCOME AND PRACTICAL INFORMATION

The President opened the meeting and noted that all IASC Council Members were present, except for China which was represented by an alternate delegate. The Polish Council Member Jacek Jania welcomed the participants on behalf of the ASSW 2013 host country.

## 1.2 APPROVAL OF THE MINUTES FROM THE LAST MEETING

The Secretariat did not receive any comments on the minutes of the last meeting and they were approved.

## 1.3 ADOPTION OF THE AGENDA

The agenda was adopted.

## 1.4 PRESIDENT'S REPORT

In his short report, the President thanked the IASC Executive Committee and welcomed the new IASC Council Members Mats Andersson (Sweden) and Rajan Sivaramakrishnan (India). He also introduced David Scott (Canadian Polar Commission) who participated as the alternate delegate for Canada.

## 1.5 EXECUTIVE SECRETARY'S REPORT

The Executive Secretary announced the IASC Bulletin 2013, which was distributed at the meeting. He thanked the Alfred Wegener Institute (AWI) and the German Science Foundation (DFG) for supporting the IASC Secretariat in Potsdam and the Korea Polar Research Institute (KOPRI) for providing additional secretarial support for the five IASC Working Groups.

## 2 IASC GROUPS

### 2.1 WORKING GROUPS

Under this agenda item, the Chairs of the five Working Groups (WGs) presented brief status reports of the WG activities in 2012 and an outlook on their future plans. All five WGs (re)elected their Steering Group members at the meeting during the ASSW 2013 and the current Steering Groups are:

Atmosphere WG: Jim Overland (Chair), Hiroshi Tanaka (Vice Chair), Michael Tjernström (Vice Chair), Kathy Law (Vice Chair)

Cryosphere WG: Martin Sharp (Chair), Julian Dowdeswell (Vice Chair), Walt Meier (Vice Chair), Jon Ove Hagen (Vice Chair)

Marine WG: Bert Rudels (Chair), Rolf Gradinger (Vice Chair), Jinping Zhao (Vice Chair), Savithri Narayanan (Past Chair)

Social and Human WG: Peter Schweitzer (Chair), Gail Fondahl (Vice Chair), Peter Sköld (Vice Chair), Louwrens Hacquebord (Past Chair)

Terrestrial WG: Inga Svala Jonsdottir (Chair), Warwick Vincent (Vice Chair), Torben Christensen (Vice Chair), Terry Callaghan (Past Chair)

➤ ***The IASC Working Group presentation is provided in ANNEX 2.1.***

Council noted the reports. The President explained that WG budgets have remained the same for the past two years and that the WGs are allowed to carry up to €10,000 unspent funds forward to the next year. It was also noted that a review of the WGs should be undertaken in about 2 years, after the 3<sup>rd</sup> International Conference on Arctic Research Planning (ICARP III, see agenda item 4.2).

The Executive Secretary provided an overview of the cross-cutting activities. A second call for cross-cutting proposals had been opened to the Working Groups and Networks in November 2012 and two proposals were selected for funding:

- Arctic in Rapid Transition (which has now become an IASC Network)
- Historical Data Retrieval.

### 2.2 NETWORKS

The Executive Secretary presented an overview on the ongoing IASC Networks, which are IASC-endorsed, thematic groups with a specific scientific mission enhanced by affiliation with IASC. IASC networks are international,

address specific scientific issues on a circum-arctic scale and strive to involve early career scientists. IASC Networks do not have an annual budget from IASC, but they are entitled to apply for IASC workshop and early career scientist funding. Networks may be created by IASC or may apply for affiliation with IASC. Once accepted as IASC networks, they carry the IASC logo. A review is undertaken every 5 years.

➤ ***The Terms of Reference for IASC Networks are given in ANNEX 2.2.***

IASC currently endorses the below Networks.

- Arctic Coastal Dynamics (ACD) [www.arcticportal.org/acd](http://www.arcticportal.org/acd)
- Arctic Climate System Network (ACSNet)  
<http://iasc.info/index.php/home/networks/arctic-climate-system-network-acenet>
- Palaeo-Arctic Spatial and Temporal Gateways (PAST Gateways)  
<http://www.geol.lu.se/pastgateways>
- Polar Archaeology Network (PAN)  
[www.polararchaeologynetwork.blogg.no](http://www.polararchaeologynetwork.blogg.no)
- Network on Arctic Glaciology (NAG) [www.iasc-nag.org](http://www.iasc-nag.org)
- Circum-Arctic Lithosphere Evolution (CALE) [www.cale.geo.su.se](http://www.cale.geo.su.se)

Two new proposals for IASC Networks were received (one in response to the cross-cutting call and another one as an external request) and reviewed at the last meeting of the IASC Executive Committee.

Council noted that the two new IASC Networks are

- Arctic in Rapid Transition (ART)
- Arctic Freshwater System Synthesis

## **2.3 ACTION GROUPS**

### **2.3.1 2<sup>nd</sup> SCAR/IASC Bipolar Action Group (BipAG II)**

Under this agenda item, Cynan Ellis-Evans, the Chair of the 2<sup>nd</sup> SCAR/IASC Bipolar Action Group on Science Cooperation (BipAG II), presented the final report of the Action Group. BIPAG II was established by Council in 2011, with the terms of reference to advise the SCAR and IASC Executive Committees on the development of instruments such as workshops, programs and networks to address bipolar issues.

➤ ***The presentation of the Bipolar Action Group is given in ANNEX 2.3.1.***

Council noted the report and thanked the Action Group for very useful recommendations. It was pointed out that the future of the group would be discussed in a joint meeting of the SCAR and IASC Executive Committee on

the following day. At that meeting “the Executive Committees of SCAR and IASC agreed with the recommendation of BipAG II that a permanent bipolar SCAR/IASC group would not be required. It was noted that a joint workshop, convened every few years, would be sufficient to identify bipolar science needs.”

### 2.3.2 IASC Action Group on Geosciences (AGG)

At its last meeting, IASC Council established an Action Group on Geosciences (AGG) to provide strategic advice to the Council and Working Groups on both long-term opportunities and priorities in the field of Arctic Geoscience research in a broader sense. Under this agenda item, the Chair of the Action Group, Carlo Barbante, introduced the report and recommendations developed at a face-to-face meeting in Potsdam.

- ***The presentation of the IASC Action Group on Geosciences is given in ANNEX 2.3.2.***

Council noted the report and thanked the Action Group for useful recommendations. The proposed assessment on the “Geodynamic Evolution of the Arctic” as a contribution to ICARP III was positively received. It was noted that the Social and Human WG expressed interest in contributing to this assessment in terms of the economics of geosciences and the link between the climate evolution and archaeology.

It was pointed out that the Terms of Reference for the Action Group were for only one year but that the Action Group members would be continuing as the core group to develop the geosciences assessment for ICARP III. WG members and IASC member countries would be invited to contribute to the assessment.

### 2.3.3 IASC Data Policy Group

To reinforce IASC’s commitment to robust data management and sharing activities, IASC Council had mandated a small advisory group of external experts to develop and recommend a data policy, including steps toward implementation of the policy, that would provide guidance for IASC supported activities. The Chair of the Action Group, Mark Parsons, introduced the report and recommendations developed at a face-to-face meeting in Potsdam and amended considering the comments received from the IASC WGs.

- ***The presentation of the IASC Data Policy Action Group is given in ANNEX 2.3.3a.***



Council noted that the central recommendation of the Action Group is an IASC “Statement of Principles and Practices for Arctic Data Management”. An IASC Standing Committee made up of a member of the IASC Council and one member of each IASC WG would be formed to oversee that the principles are upheld. Each IASC project would be asked to develop a data management plan.

The President explained that the IASC statement does not supersede any national law or data policy. The statement does not generally support exclusive use periods, but does not explicitly exclude any such periods, if this is carefully justified in the data management plan. The submission of meta data (“documentation”) is a priority stated in the data management plan.

Council approved the revised Statement of Principles and Practices for Arctic Data Management concordantly with one abstention. It was agreed that the document would be modified or updated if it turns out not to be in line with national policies or other changes needed to be made.

- ***The revised IASC Statement of Principles and Practices for Arctic Data Management is given in ANNEX 2.3.3b.***

The Executive Committee was asked to consider the membership of the Data Standing Committee and to make a recommendation to Council.

## 2.4 SECRETARIAT

The Executive Secretary provided a status report on the main activities of the IASC Secretariat, including the secretarial support for the IASC WGs, which is generously provided by the Korea Polar Research Institute and prior to that was provided by the US National Science Foundation (NSF). He also presented an overview of outreach and communication activities, e.g. the IASC Bulletin 2013, which was available at the meeting.

The German Council Member, Karin Lochte, confirmed the offer to host the IASC Secretariat in Potsdam for another five years (2014-2018). She explained that additional funding from the German Science Foundation (DFG) is in place for the next three years (2014-2016).

Council acknowledged and accepted the generous offer from Germany to continue hosting and financing the central IASC Secretariat in Potsdam from 2014 to 2018.

Other member countries were encouraged to provide additional secretarial support to IASC. It was pointed out the model of a dispersed secretariat works well and cuts down on travel. However, the administrative headquarter, currently located in Potsdam, is critical.

## 3 IASC PARTNERSHIPS

Under this agenda item, updates on joint activities with IASC's partner organizations were presented by the President and Executive Secretary.

### 3.1 ARCTIC COUNCIL

IASC is an observer organization of the Arctic Council and was, during the last years, represented at most Arctic Council Senior Arctic Officials (SAO) and many Arctic Council Working Group meetings through its Executive Secretary.

#### 3.1.1 Sustaining Arctic Observing Networks (SAON)

The President, who is the Vice-Chair of the SAON Board, and the Executive Secretary, who is a member of the Board and who is also providing secretarial support, provided a status report on the development of SAON.

Council noted that a SAON Executive Committee, consisting of

- Tom Armstrong (USA) SAON Chair
- David Hik (Canada) SAON Vice-Chair
- Tove Lundeborg (Sweden) for the Arctic Countries
- Eva Krümmel (ICC) for the Permanent Participants
- Jan Rene Larsen, Lars-Otto Reiersen, Volker Rachold (SAON Secretariat)

had been established.

Council noted the report, in particular that SAON is IASC's most important joint initiative with the Arctic Council and that all IASC member countries should contribute to the development.

The Executive Secretary explained that SAON's data policy would be discussed at the upcoming SAON Board meeting in Vancouver on 29 April 2013 and that the new IASC Statement of Principles and Practices for Arctic Data Management would certainly be considered.

#### 3.1.2 Adaptation Actions for a Changing Arctic (AACA)

The President summarized the latest development of the AACA and IASC's involvement to date. He pointed out that the overarching goal of AACA is to enable more informed, timely and responsive policy in a changing Arctic.

The three main deliverables would be:

- The report will consider the key findings from existing Arctic Council assessments and other national reports over the past 10 years to determine how these can contribute to and inform adaptation options for Arctic countries.
- It will identify existing national, regional and local adaptation efforts that are relevant to the Arctic region.
- The project will develop collaboration with other relevant science organizations to consider Arctic focused climate and integrated environmental frameworks/models that can improve predictions for climate change.

The final report will be delivered to the Arctic Council at the end of the Canadian Chairmanship in 2017.

Council noted the report. The Executive Secretary explained that very often (like for the AACA) IASC is invited to contribute to activities of the Arctic Council and its Working Group. In many cases there is an overlap between the scientists involved in Arctic Council projects and in IASC Working Groups.

### 3.1.3 Arctic Resilience Report (ARR)

The Executive Secretary reported that IASC had been invited to handle the review process of the Arctic Resilience Report (ARR). Building on the membership of the IASC Working Groups, he coordinated the review, which helped to ensure the scientific quality of the report.

Council noted the report.

## 3.2 INTERNATIONAL COUNCIL FOR SCIENCE (ICSU)

As an International Scientific Associate of the International Council for Science (ICSU), IASC promotes Arctic and – in cooperation with SCAR - Bipolar science in ICSU and advises, supports and cooperates on activities that are of importance to the whole of the polar science community.

Under this agenda item, the President briefly introduced IASC's relationship with ICSU. The presentation of ICSU's new "Future Earth" program was moved to agenda item 3.5 International Polar Initiative.

Council noted the report.

### 3.3 SCIENTIFIC COMMITTEE ON ANTARCTIC RESEARCH (SCAR)

Under this agenda item, the Executive Secretary presented an update on joint SCAR/IASC activities, including the joint workshop on Ice Sheet and Mass Balance (ISMASS), held in Portland (USA) in conjunction with the XXXII SCAR Conference. The SCAR President Jeronimo Lopez Martinez and the SCAR Executive Director Mike Sparrow attended the meeting and it was noted that a joint meeting of the two Executive Committee would be held after the Council meeting.

- ***The minutes of the joint SCAR/IASC Executive Committee meeting are given in ANNEX 3.3.***

Council noted the report.

### 3.4 PARTNERSHIP WITH OTHER ORGANIZATIONS

At the last Council meeting, the Executive Secretary had presented an overview of the international organizations and programs that IASC is cooperating with.

Since the 5-year terms of some of the formal partnership agreements are ending in 2013, the Executive Committee had mandated the Secretariat to discuss the possible content of renewed agreements with the Executives of

- (1) the Association of Polar Early Career Scientists (APECS) (jointly with SCAR)
- (2) the World Climate Research Program (WCRP), Climate and Cryosphere (CliC) Project (jointly with SCAR)
- (3) the International Arctic Social Sciences Association (IASSA) and
- (4) the International Association of Cryospheric Sciences (IACS) (jointly with SCAR).

Council had received the documents prior to the meeting and approved the renewal.

Council was also asked to review a Memorandum of Understanding that had been developed with the Forum of Arctic Research Operators (FARO).

Council also approved the partnership agreement with FARO.

The approval was followed by a signing ceremony. The Presidents/Directors of APECS (Alexey Pavlov), CliC (Jenny Baeseman), IASSA (Gail Fondahl, IACS (Hiroyuki Enomoto on behalf of Ian Allison) and FARO (Magnus Tannerfeldt) briefly introduced the agreements and signed the documents.

The final documents are available on the IASC website:  
<http://www.iasc.info/home/iasc/partners/formal-agreements>

The discussion on possible trilateral agreements with the European Polar Board (EPB) and the Asian Forum for Polar Sciences (AFOPS) was diverted to the joint SCAR/IASC Executive Committee meeting (see ANNEX 3.3).

### 3.5 INTERNATIONAL POLAR INITIATIVE (IPI)

Under this agenda item, the President, who co-chairs the Steering Group of the International Polar Initiative (IPI), provided a status report on the latest development.

The draft concept note for an International Polar Initiative (IPI) has been further elaborated during the last months and is now available on an IPI website ([www.internationalpolarinitiative.org](http://www.internationalpolarinitiative.org)), hosted by the Canadian Polar Commission.

➤ ***The IPI presentation is given in ANNEX 3.5.***

A Town Hall Meeting to present and further discuss the IPI concept was organized at the American Geophysical Union Fall Meeting in San Francisco in December. The Executive Secretary presented the IPI concept at the 3<sup>rd</sup> International Symposium on Arctic Research (ISAR-3) in Tokyo and he also introduced the initiative at the meeting of WMO's Executive Council Panel of Experts on Polar Observations, Research and Services (EC PORS) in Lanzhou (China) on 13-15 March.

Council noted the development and discussed how the IPI fits into the context of other activities, such as SAON, the Global Cryosphere Watch (GCW) etc. It was pointed out that considering the current fiscal situation the IPI could be a good approach in terms of working together more efficiently.

Council decided that IASC should continue to be involved in the IPI development and that a Venn diagram of the IPI and its relationship should be prepared.

## 4 MAJOR UPCOMING EVENTS

### 4.1 ARCTIC SCIENCE SUMMIT WEEK 2014

The Finnish Council Member, Kari Laine, presented initial plans for the ASSW 2014 in Helsinki (Finland) on 7-12 April, including a SAON Arctic Observing Summit.

- ***The ASSW 2014 presentation is given in ANNEX 4.1.***

Council noted the report and thanked the Finnish hosts.

### 4.2 IASC'S 25TH ANNIVERSARY CELEBRATION, INCLUDING ASSW 2015 AND ICARP III

Under this agenda item, the Executive Secretary introduced the concept for IASC's 25<sup>th</sup> Anniversary Celebration, including the Third International Conference on Arctic Research Planning (ICARP III).

- ***The ICARP III presentation is provided in ANNEX 4.2.***

He explained that the concept paper was discussed with the IASC Working Groups and the Chairs of the WGs presented possible activities.

The various IASC partner organizations had also been invited to participate in the discussion at Council meeting and to contribute to the ICARP III. It was noted that an involvement of the Arctic Council and its Working Groups would be desirable.

It was pointed out that a forward looking set of goals and plans, for which the ICSU Grand Challenges could be a good model, would also help the funding agencies.

Council mandated the Executive Committee to develop Terms of Reference for ICARP III and its Steering Committee. In addition to the suggestions received from the IASC WGs, contributions from IASC partner organizations should be invited and a process for accepting suggestions should be formalized.

The Japanese Council Member, Tetsuo Ohata, confirmed the offer to host the final ICARP III event in conjunction with the ASSW 2015 and the 4<sup>th</sup> International Symposium on Arctic Research (ISAR-4). Council noted that the preliminary plan is to hold the ASSW business on 23-25 April, the ICARP III Symposium on 27-28 April and the ISAR-4 on 29-30 April.

The former Executive Secretary Odd Rogne, who is the lead editor of the IASC history publication, presented an update.

Council noted the status report and thanked the editorial board of the IASC History Publication, consisting of Odd Rogne, Bob Corell, Louwrens Hacquebord and Volker Rachold.

## 5 ANY OTHER BUSINESS

The Executive Secretary presented a short summary of the meeting of IASC's Advisory Group **International Science Initiative in the Russian Arctic (ISIRA)**.

It was noted that IASC should continue to use ISIRA to help Russian Early Career Scientists to attend international conferences. APECS Russia has agreed to assist. It was also pointed out that ISIRA could be used to help international Early Career Scientists to get involved in Russian activities.

Council decided that the next meeting of the ISIRA group would be an open meeting, which should be announced more broadly.



# **IASC Council Meeting**

**ASSW 2013, Krakow (Poland)**

**Executive Session**

**Tuesday, 16 April 2013**

**17.00-18.00 Afternoon Session II (Closed Session)**



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## Annex

<b>ANNEX E1a:</b>	IASC General Fund – accounts 2012, proposed budget 2013
<b>ANNEX E1b:</b>	IASC WG Budgets – accounts 2012, proposed budget 2013



## E1 IASC ECONOMY

The Executive Secretary presented the accounts for 2012 and the proposed budget for 2013 (IASC General Fund).

Council scrutinized the accounts and the proposed budget. It was noted that the term “Science Development” should be specified. It was decided that the budget for ISIRA should be at least doubled. In the revised budget (ANNEX E1a) the ISIRA funds are now €20,000.

- ***The revised status of the IASC General Fund is given in ANNEX E1a.***

The Executive Secretary also presented the Working Group accounts for 2012 and their proposed budgets for 2013.

- ***The status of the IASC WG Budgets is given in ANNEX E1b.***

Council noted the WG budgets and agreed that a review of the Working Groups should be undertaken in 2016. It was pointed out that the WG budget is not used for administrative purposes but only to support scientific activities.

The Secretariat has also developed a forward-looking (2013-2018) financing plan for IASC.

Council discussed the financing plan and underlined that the proposed increase in the membership fees needs to be very well justified.

## E2 ANY OTHER BUSINESS

The Executive Secretary noted that its next meeting, to be held at ASSW 2014, Council would need to elect a new President and three new Vice Presidents. He explained that the current Executive Committee is preparing the concept of ICARP III and thus developing IASC's overall strategy until 2015. A newly elected Executive Committee would have to continue the work prepared by their predecessors. Therefore, he asked the Council to discuss the possibility of extending the mandate of the current Executive Committee until 2015 and postponing the elections for one year.

Council discussed the suggestion but did not reach unanimous consensus. The proposal was not approved.