



Volker Rachold, Executive Secretary

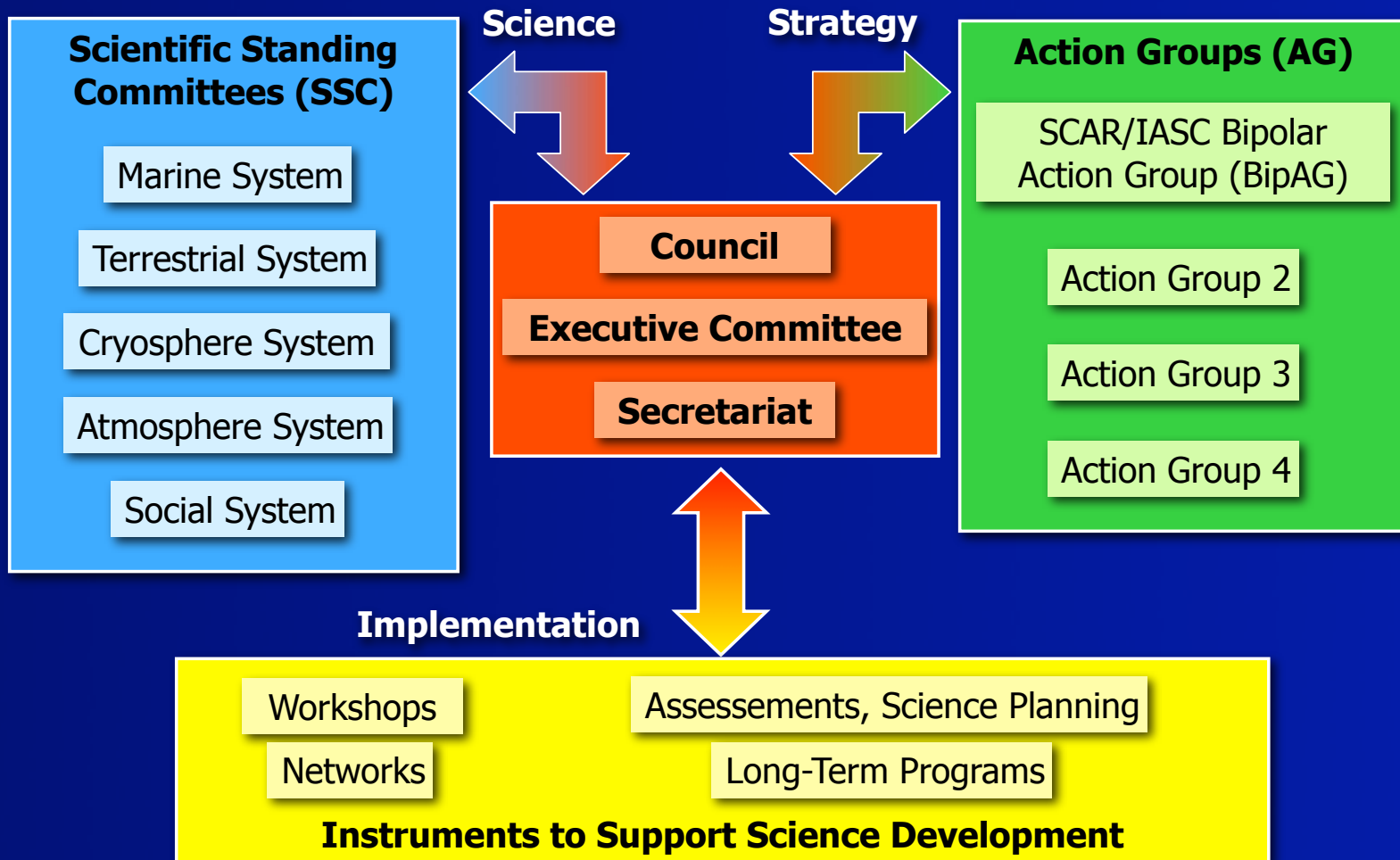
International Arctic Science Committee

SCAR Cross-Linkages Workshop

February 2009



New Structure of IASC





New IASC Secretariat



**Alfred Wegener Institute
for Polar and Marine Research
Potsdam, Germany**





Arctic Science Summit Week

The purpose of ASSW is to provide opportunities for international coordination, collaboration and cooperation in all areas of Arctic science and to combine science and management meetings. The ASSW also offers insight into Arctic research undertaken by the host country. Side meetings organized by other groups with interests in Arctic science and policy will take place at the same time.

MEETING SCHEDULE

Meeting	Date	Time
EPB Business meeting	23 March	0900–1300
PAG Business meeting	23 March	0900–1300
AOSB Business meeting	23 March	1400–1800
Ny-SMAC – meeting	23 March	0900–1800
Symposium	24–26 March	0830–1800
IASC Business meeting	27 March	0900–1300
FARO Business meeting	27 March	1400–1800
IASC Science Forum: A New Direction for Arctic Science	25 March	Evening

ASSW 2009 SCIENCE SYMPOSIUM 24–26 MARCH 2009

ARCTIC CONNECTIONS – THE RESULTS OF 150 YEARS OF RESEARCH

Theme sessions and keynote speakers

The first day of the symposium will have eight invited speakers, one for each of the theme sessions. During the second and third day, there will be four parallel sessions. All speakers will be allotted 20 minutes for presentation including questions.

- **Sea Ice changes and the impacts on Biodiversity and Human Communities**
Dr. Hajo Eicken, Geophysical Institute, University of Alaska Fairbanks, USA
- **Arctic Climate Variability – Past to Future**
Professor Dorthe Dahl-Jensen, The Bioinformatics Centre, Denmark
- **The Role of the Arctic in the Global Change Process**
Dr. Eddy Carmack, Institute of Ocean Sciences, Canada
- **Evolution of Arctic Ecosystems in a Warming World**
Dr. Hiroshi Kanda, National Institute of Polar Research Arctic Environmental Research Center, Japan
- **Indigenous Cultures – Past to Future**
Dr. Grete Kaare Hovelsrud, Centre for International Climate and Environmental Research, Norway
- **Coastal Environments as a link between Land and Sea in the Arctic**
Professor Søren Rysgaard, National Environmental Research Institute, Denmark

- **Risks to Human Health from a changing Arctic**
Dr. Jay Van Oostdam, Chemical Management Directorate Environmental Health Surveillance Division, Canada

- **History of Arctic Science**
Dr. Michael Bravo, Head of History and Public Policy Research Group Scott Polar Research Institute, United Kingdom

More information on these sessions and abstract submission forms are available at:
<http://www.imr.no/assw2009/sessions>

Convenors

Louwrens Hacquebord
Arctic Centre, University of Groningen
The Netherlands (IASC)

Harald Loeng
Institute of Marine Research
Bergen, Norway (AOSB)

Scientific Steering Committee

Jenny Baeseman (USA)
Martin Bergmann (Canada)
John Calder (USA)
Hajime Ito (Japan)
Hugues Lantuit (Germany)
Joan Nymand Larsen (Iceland)
Asgeir Sorteberg (Norway)
Jörn Thiede (Germany)
Sara Bowden (AOSB, ex-officio)
Volker Rachold (IASC, ex-officio)





INTERNATIONAL POLAR YEAR
OSLO SCIENCE CONFERENCE
2010 ☉ 8-12 JUNE



Sustaining Arctic Observing Networks

**1st Workshop held in Stockholm (Sweden),
12-14 November 2007**

Are current Arctic observing and data and information management activities sufficient to meet users' needs?

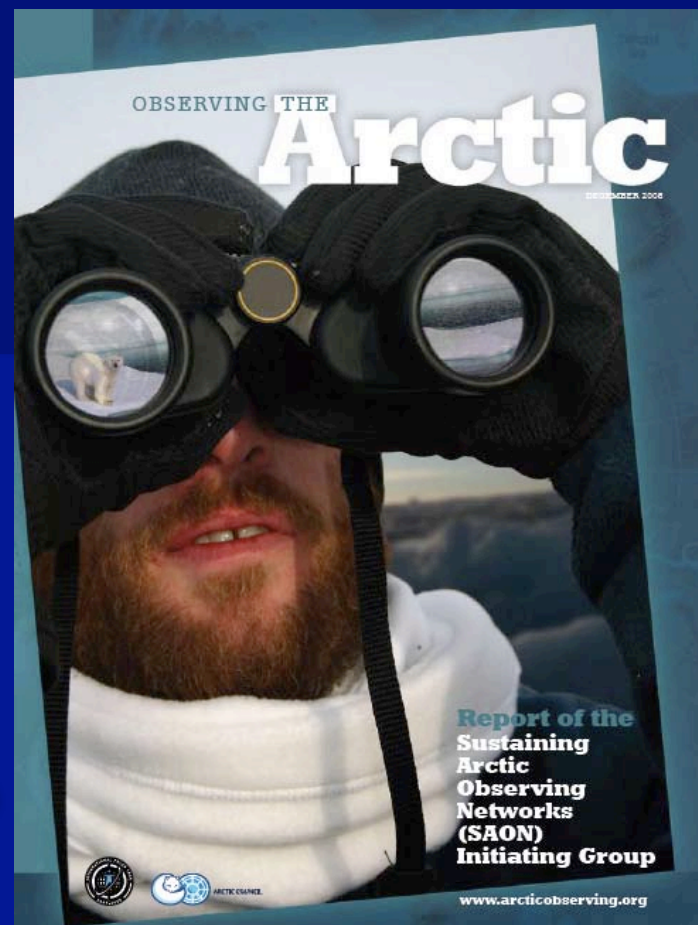
**2nd Workshop held in Edmonton (Canada),
8-11 April 2008**

How will Arctic observing and data and information management activities be coordinated and sustained over the long-term?

**3rd Workshop to be held in Helsinki (Finland),
15-17 October 2008**

Developed a final set of recommendations.

www.arcticobserving.org



IASSA
International
Arctic Social
Sciences
Association

IPS
Indigenous
People's
Secretariat





SWIPA

**Climate Change and the
Cryosphere: **S**now, **W**ater, **I**ce,
and **P**ermafrost in the **A**rctic**

**An Arctic Council „Cryosphere Project“
in Cooperation with IASC, CliC and IPY**



International Study of Arctic Change (ISAC)

- Long-term, multidisciplinary program to study the effects of environmental changes on the circumpolar Arctic system and the globe
- Main objective is to observe and understand the characteristics of the entire Arctic System and its responses to change in order to develop the best adaptation and mitigation strategies

The International Study of Arctic Change

Executive Summary

Science Plan and Implementation Strategy

This work may be cited as: International Study of Arctic Change (ISAC). 2008. *Executive Summary, International Study of Arctic Change: Science Plan and Implementation Strategy*. International Study of Arctic Change Program Office, Stockholm, Sweden.

www.arcticportal.org/iasc/science-development/isac

ISAC is developed by **IASC** in close co-operation with the Arctic Ocean Science Board (**AOSB**). The **ISAC** Secretariat is co-located with the **IASC** Secretariat.



IASC's central role as THE international scientific organization in the North

- ❖ Engaged in **all aspects** of Arctic research, in **all countries** engaged in Arctic research and in **all areas** of the Arctic region
- ❖ Associated with the **International Council for Science (ICSU)**
- ❖ Observer on the **Arctic Council (AC)**
- ❖ Member of the **International Polar Year (IPY) Joint Committee**
- ❖ Linked to other **international Polar organizations**:
 - **SCAR** (LoA signed 2006)
 - **AOSB** (merge underway)
 - **IASSA** (LoA signed in 2008)
 - **CIIC** (SCAR-IASC-WCRP MoU on CIIC co-sponsorship signed in 2008)
 - **APECS** (SCAR-IASC-APECS MoU signed in 2008)
 - **IACS** (SCAR-IASC-IACS MoU in preparation)

IASC 07/08
will be available at the ASSW
(March 2009)

IASC, the International Arctic Science Committee,

is a non-governmental organization whose aim is to encourage and facilitate cooperation in all aspects of Arctic research, in all countries engaged in Arctic research and in all areas of the Arctic region.



IASC Bulletin 06/07
ISSN: 1654-7594, ISBN: 978-91-977328-0-2
International Arctic Science Committee
Box 50003, SE-104 05 Stockholm, Sweden
www.iasc.se

IASC Bulletin 06/07



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Welcome to IASC!

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[arctic portal »](#) | [member area »](#)



Thank You