

# 1<sup>st</sup> IPY Workshop on Sustaining Arctic Observing Networks

Stockholm, Sweden 12-14 November 2007



ARCTIC COUNCIL

<http://www.arcticobserving.org/>

The workshop is sponsored by:

- Swedish IPY Committee
- Swedish Environmental Protection Agency
- Arctic Monitoring and Assessment Program
- Arctic Ocean Sciences Board
- Climate and Cryosphere (CliC) Project
- US National Science Foundation
- International Arctic Science Committee
- National Oceanic and Atmospheric Administration, USA

Co-chairs: **Sverker Sörlin** and **Kjell Danell**,  
Swedish IPY Committee

#### **Workshop Organizing Committee**

**David Carlson**, IPY IPO Director

**John Calder**, AMAP

**David Hik**, Canadian IPY Secretariat

**Volker Rachold**, IASC

**Odd Rogne**, AMAP and IPY IPO

#### **1st workshop Local Organizing Committee**

**Håkan Olsson**, Swedish IPY Committee

**Lars-Anders Baer**, Sami Parliament of Sweden

**Anders Clarhäll**, Swedish IPY Secretariat

**Olle Melander**, Swedish Polar Research Secretariat

**Volker Rachold**, IASC

**Odd Rogne**, AMAP and IPY IPO

# Monday 12 November

Venue: Nordiska Museet, Djurgårdsvägen 6-16, Stockholm

## OPENING SESSION

Chair: Sverker Sörlin, Swedish IPY Committee

- 13:00-13:15 Sverker Sörlin  
Swedish IPY Committee
- 13:15-13:30 Swedish Crown Princess Victoria
- 13:30-13:45 Amelie von Zweigbergk  
State Secretary, Swedish Ministry of Education and Research
- 13:45:14:00 Lars-Anders Baer  
President, Swedish Sami Parliament
- 14:00-14:15 Martin Jeffries  
US National Science Foundation and SAON Initiating Group

## Short break

## Plenary Session 1 - Understanding User Needs

## CLIMATE AND WEATHER

Chair: John Calder, National Oceanic and Atmospheric Administration, USA

- 14:30-14:45 Erland Källén  
Stockholm University, Sweden
- 14:45-15:00 David Bromwich  
Byrd Polar Research Center, Ohio State University, USA
- 15:00-15:15 Laura Furgione  
NOAA, National Weather Service, USA
- 15:15-15:45 Discussion

## Break

## HUMAN HEALTH AND WELL BEING

Chair: David Carlson, IPY International Programme Office, UK

- 16:15-16:30 Birger Poppel  
University of Greenland, Greenland
- 16:30-16:45 James Berner  
Alaska Native Tribal Health Consortium, USA
- 16:45-17:15 Discussion
- 17:30 **Ice-Breaker Reception and Sami Exhibition at Nordiska museet**  
Hosted by Swedish Research Council  
Honours by Pär Omling, General Director, Swedish Research Council

# Tuesday 13 November

Venue: Hasselbacken Hotell & Restaurang, Hazeliusbacken 20, Stockholm

## Plenary Session 1 continued - Understanding User Needs

### BIODIVERSITY AND ECOSYSTEMS

Chair: Martin Jeffries, National Science foundation, USA

- 08:30-08:45 Terry Callaghan  
Royal Swedish Academy of Sciences, Sweden
- 08:45-09:00 Sune Sohlberg  
Swedish Environmental Protection Agency, Sweden
- 09:00-09:15 Lene Kielsen Holm  
Inuit Circumpolar Council, Greenland
- 09:15-09:45 Discussion

### SOCIAL AND ECONOMIC DEVELOPMENT

Chair: Odd Rogne, AMAP and IPY IPO

- 09:45-10:00 Rasmus Ole Rasmussen  
Roskilde University, Denmark
- 10:00-10:15 Sven Roald Nystø  
Árran - lulesami center, Norway
- 10:15-10:45 Discussion

### Break

### DATA AND INFORMATION

Chair: Barry Goodison, Environment Canada and Chair WCRP/CliC

- 11:15-11:30 Mark Parsons  
World Data Center for Glaciology, University of Colorado, USA
- 11:30-11:45 Joan Nymand Larsen  
Stefansson Arctic Institute, Iceland
- 11:45-12:00 Marie Robidoux  
Challenger Geomatics Ltd., Canada
- 12:00-12:30 Discussion

### Lunch

# Plenary Session 2 - APPROACHES FOR ARCTIC OBSERVATION

Chair: Michael Tjernström, Stockholm University

13:30-13:45 **Margareta Johansson**  
Abisko Scientific Research Station, Sweden  
*SCANNET*

13:45-14:00 **Morten Rasch**  
Danish Polar Center, Denmark  
*Zackenberg*

14:00-14:15 **Oleg Anisimov**  
State Hydrological Institute, Russia  
*Scientific basis for network evaluation and planning*

14:15-14:45 Discussion

Organization of and Guidance to Thematic Sub-groups

## Break and Poster Session

Break out session

15:30-17:30 Break into five thematic subgroups

Thematic group	Chair	Rapporteur
Atmosphere	Lisa Darby	Jussi Paatero
Ocean and Sea Ice	Hajo Eicken and Koji Shimada	Sang Lee
Hydrology and Cryosphere	Terry Prowse and Jeffrey Key	Angélique Prick
Terrestrial Ecosystems	Kjell Danell	Magnus Tannerfeldt and Margareta Johansson
Human Dimensions	TBA	Yvon Csonka

19:00 **Workshop Dinner**  
Swedish Royal Academy of Arts, Fredsgatan 12, Stockholm  
Hosted by Swedish Environmental Protection Agency  
Honours by Lars-Erik Liljelund, General Director, Swedish Environmental Protection Agency

# Wednesday 14 November

Venue: Hasselbacken Hotell & Restaurang, Hazeliusbacken 20, Stockholm

Break out session continued

08:30-10:30 Continuation of thematic subgroups

## Break

11:00-12:30 Continuation of thematic subgroups

## Lunch

## Plenary Session 3

### REPORTS FROM THEMATIC SUBGROUPS

Chair: Volker Rachold, IASC, Sweden

13:30-13:50 Atmosphere  
13:50-14:10 Ocean and Ice  
14:10-14:30 Hydrology and Cryosphere  
14:30-14:50 Terrestrial Ecosystems  
14:50-15:10 Human Dimensions

## Break

### CLOSING SESSION

Chair: Kjell Danell, Swedish IPY-committee, Sweden

15:45-16:00 **Barry Goodison**  
Environment Canada and Chair WCRP/CliC  
*Looking ahead: Integrated Observing Sites*

16:00-16:15 **Paul Egerton**  
European Polar Board  
*Sustaining Arctic Observing Networks -- ESF and EU perspectives*

16:15-16:30 **David Hik**  
Canadian IPY Secretariat  
*Presentation of venue and plans for next workshop*

16:30-17:00 **Sverker Sörlin and Kjell Danell**  
*Summary and review of actions to be completed before second workshop*

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## Abstracts and posters

There will be no short talks other than those listed on the programme. All other abstracts are accepted as posters. The list of accepted posters is available from <http://www.arcticobserving.org/>

Posters can be fixed with drawing pins onto double-sided poster panels. Maximum poster size is 200 cm high x 100 cm wide.