

Social and Human Working Group Meeting

23 April 2015

14:00-17:30

(Lunch 12.30-14.00, Coffee Breaks 16.10-16.30)

Toyama, Japan
Toyama International Conference Centre

Draft Agenda

Participants:

WG MEMBERS PRESENT:

PETER SCHWEITZER - AUSTRIA, CHAIR
PETER SKÖLD - SWEDEN, VICE CHAIR
GAIL FONDAHL - CANADA, VICE CHAIR
LOUWRENS HACQUEBORD - NETHERLANDS,
PAST CHAIR
LONG WEI - CHINA
LUDEK BROZ - CZECH REPUBLIC
ROBERT CHR. THOMSEN - DENMARK
PELLE TEJSNER – DENMARK
ARJA RAUTIO - FINLAND
LASSI HEININEN - FINLAND
BÉATRICE COLLIGNON – FRANCE
SYLVIE BLANGY - FRANCE
JOACHIM O. HABECK - GERMANY
GISLI PÁLSSON - ICELAND
DHURJATI MAJUMDAR - INDIA
HIROKI TAKAKURA - JAPAN
DONGMIN JIN - KOREA
HALVOR DANNEVIG - NORWAY
GUNHILD HOOGENSEN GJORV - NORWAY
ELENA CONDE - SPAIN
MICHAEL BRAVO - UK

SVEN D. HAAKANSON – USA
ANDREY PETROV - USA

GUESTS AND OBSERVERS:

NICOLE BIEBOW, ALFRED WEGENER INSTITUTE
ROBERT REHNER, UNIVERSITY OF ST ANDREWS
SANDY STARKWEATHER, NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

WG MEMBERS NOT PRESENT:

GERTRUDE EILMSTEINER-SAXINGER – AUSTRIA
ALEXANDER PROELSS – GERMANY
JOAN NYMAND LARSEN - ICELAND
RYSZARD CZARNY - POLAND
MICHAL LUSZCZUK - POLAND
CANDICE LYS (IASC FELLOW)

SECRETARIAT:

SUSAN FILE (SECRETARY)
MALGORZATA SMIESZEK (IASC FELLOW AND
ALTERNATE FOR POLAND)
ADRIAN VLAKHOV (IASC FELLOW)

Table of Contents

1	OPENING AND REPORTING (14.00-14.10)	3
1.1	WELCOMING REMARKS AND INTRODUCTIONS	3
1.2	REPORT FROM THE CHAIR	3
1.3	APPROVAL OF THE MINUTES OF THE LAST MEETING	3
1.4	ADOPTION OF THE AGENDA	3
2	MAIN ISSUES (14.10-16.10)	3
2.1	REPORTS ON SHWG ACTIVITIES	3
2.1.1	ICARP III: TOWN HALLS AT THE 8TH INTERNATIONAL CONGRESS OF ARCTIC SOCIAL SCIENCES AND THE 54TH CONGRESS OF THE EUROPEAN REGIONAL SCIENCE ASSOCIATION	3
2.1.2	ICARP III: PERMAFROST DYNAMICS AND INDIGENOUS LAND USE WORKSHOP	4
2.1.3	ICARP III: ARCTIC COASTAL COMMUNITIES OBSERVATORY NETWORK (CACCON)	4
2.1.4	ICARP III: CULTURE AND ARCTIC CLIMATE CHANGE WORKSHOP	4
2.1.5	EARLY CAREER SCIENTIST WORKSHOP ON ARCTIC SUSTAINABILITY	4
2.1.6	ARCTIC CIRCLE SECURITY PANEL	5
2.1.7	ARCTIC COUNCIL GENDER EQUALITY CONFERENCE	5
2.1.8	EXTRACTIVE INDUSTRIES AND INDIGENOUS PEOPLES IN THE ARCTIC	5
2.1.9	ICARP III: UNDERSTANDING SUSTAINABILITY IN THE ARCTIC WORKSHOP	6
2.1.10	SUPPORTING THE PREPARATION OF THE ARCTIC HUMAN DEVELOPMENT REPORT II	6
2.2	UPDATE ON IASC ACTIVITIES RELATED TO THE SHWG	7
2.2.1	AIR POLLUTION WORKSHOP – ATMOSPHERE WORKING GROUP	7
2.3	OTHER SHWG-RELEVANT ACTIVITIES EXTERNAL TO IASC	7
2.3.1	EU-POLARNET	7
2.3.2	SHWG-RELEVANT ACTIVITIES IN MEMBER JURISDICTIONS	7
2.4	REVIEW OF SHWG FOCI	8
2.5	UPCOMING ACTIVITIES	8
2.5.1	IMPROVED HEALTH KNOWLEDGE IN THE ARCTIC – THE QUESTION OF MISSING DATA	8
2.5.2	SPECIAL SESSION ON “RESOURCES, QUALITY OF LIFE AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC” AT THE INTERNATIONAL GEOGRAPHICAL UNION REGIONAL CONFERENCE	8
2.6	PROPOSED ACTIVITIES	9
2.6.1	NEW ACTIVITIES PROPOSED BY SHWG MEMBERS	9
2.6.1.1	GENDER ASYMMETRY IN NORTHERN COMMUNITIES: BUILDING A RESEARCH NETWORK FOR THE NORDIC COUNTRIES, BALTICS AND RUSSIA (NOR-GA)	9
2.6.1.2	A EUROPEAN ARCTIC POLICY: THE ROLE OF EU NON-ARCTIC MEMBER STATES	10
2.6.2	NEW ACTIVITIES PROPOSED BY EXTERNAL GROUPS	10
2.6.2.1	ENERGY JUSTICE IN THE ARCTIC: IMPLICATIONS FOR ENERGY INFRASTRUCTURAL DEVELOPMENT IN THE ARCTIC	10

1 OPENING AND REPORTING (14.00-14.10)

1.1 WELCOMING REMARKS AND INTRODUCTIONS **PETER SCHWEITZER**

1.2 REPORT FROM THE CHAIR **PETER SCHWEITZER**

1.3 APPROVAL OF THE MINUTES OF THE LAST MEETING **SUSAN FILE**

- The minutes of the 2014 SHWG meeting are in Annex 1.3

1.4 ADOPTION OF THE AGENDA **PETER SCHWEITZER**

2 MAIN ISSUES (14.10-16.10)

2.1 REPORTS ON SHWG ACTIVITIES

2.1.1 ICARP III: TOWN HALLS AT THE 8TH INTERNATIONAL CONGRESS OF ARCTIC SOCIAL SCIENCES AND THE 54TH CONGRESS OF THE EUROPEAN REGIONAL SCIENCE ASSOCIATION

PETER SCHWEITZER AND GAIL FONDAHL

SHWG members organized and participated in a number of activities to support the Third International Conference on Arctic Research Planning (ICARP III). Town halls were convened in May at the Eighth International Congress of Arctic Social Sciences (ICASS VIII) in Prince George, Canada and in August at the 54th Congress of the European Regional Science Association in St. Petersburg, Russia.

- The summary reports are in Annex 2.1.1 (a and b).

2.1.2 ICARP III: PERMAFROST DYNAMICS AND INDIGENOUS LAND USE WORKSHOP

J. OTTO HABECK

A Permafrost Dynamics and Indigenous Land Use workshop was held in April in Helsinki, Finland to explore how climate change is likely to change permafrost dynamics and indigenous land use.

- The workshop report is in Annex 2.1.2.

2.1.3 ICARP III: ARCTIC COASTAL COMMUNITIES OBSERVATORY NETWORK (CACCON)

PETER SCHWEITZER AND ANDREY PETROV

An Arctic Coastal Communities Observatory Network (CACCON) workshop was organized by the IASC Network Arctic Coastal Dynamics (ACD) in April 2014 in Copenhagen, Denmark.

- The workshop report is in Annex 2.1.3.

2.1.4 ICARP III: CULTURE AND ARCTIC CLIMATE CHANGE WORKSHOP

PETER JORDAN – ARCTIC CENTRE, UNIVERSITY OF GRONINGEN (TO BE CONFIRMED)

A workshop on Culture and Arctic Climate Change – Integrating Long-Term Perspectives from Archaeology and the Environmental Sciences was held in May in the US to identify key factors structuring the relationships between culture and Arctic environmental change. A related conference session was held at the American Geophysical Union in December and a special journal issue was also published to provide a new baseline of knowledge about human responses to long-term climate change in the Arctic.

- The summary reports are in Annex 2.1.4.

2.1.5 EARLY CAREER SCIENTIST WORKSHOP ON ARCTIC SUSTAINABILITY

ANDREY PETROV

An Early Career Scientist Workshop on Arctic Sustainability was held in Anchorage, USA on September 20th, 2014 following the “Sustainability and Sustainable Development in the Arctic: Meanings and Means” Conference. This one-day workshop was organized by the National Science Foundation Arctic-FROST network and hosted by the University of Alaska Anchorage. The workshop provided participants with an opportunity to present papers,

and participate in a mentoring session and two panels/round tables on issues regarding sustainability scholarship and academic careers in interdisciplinary studies of sustainability.

- The workshop report is in Annex 2.1.5.

2.1.6 ARCTIC CIRCLE SECURITY PANEL

LASSI HEININEN

The Thematic Network (TN) on Geopolitics and Security – a joint network by the University of the Arctic and the Northern Research Forum – organized the 2nd international academic panel on “*Security of the Arctic*”, in cooperation with the Northern Research Forum, in October 31 – November 2, 2014 in Reykjavik, Iceland as a part of the 2nd *Arctic Circle*. The panel consisted of four breakout sessions with a total of 25 experts who presented on security studies and/or Arctic issues, and included an open discussion.

- The workshop report is in Annex 2.1.6.

2.1.7 ARCTIC COUNCIL GENDER EQUALITY CONFERENCE

GUNHILD HOOGENSEN GJORV

To come.

- The summary report is in Annex 2.1.7.

2.1.8 EXTRACTIVE INDUSTRIES AND INDIGENOUS PEOPLES IN THE ARCTIC

PETER SKÖLD

The Extractive Industries and Indigenous Peoples in the Arctic: Past, Present and Future workshop was a 2-day opportunity for indigenous experts, students, and scientists from around the world to discuss the benefits and challenges of extractive industries for Arctic indigenous peoples. 40 researchers from ten countries participated, representing four areas (social sciences, humanities, natural science, and medicine). The workshop demonstrated that there are striking parallels as well as significant differences concerning indigenous peoples and extractive industries in different parts of the Arctic. Cases in Canada, Sweden, Norway, Greenland and Russia were discussed during the workshop. One goal was to bring together senior researchers, younger scholars and indigenous experts – the result was

impressive. Many themes were addressed, including land ownership, community-based research, health outcomes, demographic aspects, legal issues and policy making, to mention only a few. The workshop also provided an opportunity for scientists and indigenous peoples to share intellectual resources and a platform for further collaboration to address impacts of extractive industries.

- The workshop report is in Annex 2.1.8.

2.1.9 ICARP III: UNDERSTANDING SUSTAINABILITY IN THE ARCTIC WORKSHOP

ANDREY PETROV

In support of ICARP III, a workshop on “Understanding Sustainability in the Arctic” was convened to develop a White Paper on sustainability in the Arctic.

- A summary report is in Annex 2.1.9.

2.1.10 SUPPORTING THE PREPARATION OF THE ARCTIC HUMAN DEVELOPMENT REPORT II

GAIL FONDAHL

This second volume of the AHDR was released in 2015. It aims to provide an update to the first AHDR (2004) in terms of an assessment of the state of Arctic human development; to highlight the major trends and changes unfolding related to the various issues and thematic areas of human development in the Arctic over the past decade; and, based on this assessment, to identify policy relevant conclusions and key gaps in knowledge, new and emerging Arctic success stories. The production of AHDR-II on the tenth anniversary of the first AHDR makes it possible to move beyond the baseline assessment to make valuable comparisons and contrasts across a decade of persistent and rapid change in the North. It addresses critical issues and emerging challenges in Arctic living conditions, quality of life in the North, global change impacts and adaptation, and Indigenous livelihoods.

- The ADHR II report is available at:

<http://norden.diva-portal.org/smash/record.jsf?pid=diva2%3A788965&dswid=1815> .

2.2 UPDATE ON IASC ACTIVITIES RELATED TO THE SHWG

2.2.1 AIR POLLUTION WORKSHOP – ATMOSPHERE WORKING GROUP

SANDY STARKWEATHER – NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Arctic warming is leading to new local sources of Arctic pollution with poorly quantified local emissions. An Arctic Air Pollution Workshop was held from February 3rd to 5th, 2015 in Boulder, Colorado to review the many results on this topic, building on past and ongoing activities to study the combined impacts of local and remote Arctic air pollution and to improve chemical-aerosol models and impacts.

- The workshop report is in Annex 2.2.1.

2.3 OTHER SHWG-RELEVANT ACTIVITIES EXTERNAL TO IASC

The agenda item will include brief updates on external activities that could be of interest to the SHWG, such as new research networks or initiatives, etc.

2.3.1 EU-POLARNET

NICOLE BIEBOW – ALFRED WEGENER INSTITUTE

The objectives of EU-PolarNet are to establish an ongoing dialogue between policymakers, business and industry leaders, local communities and scientists to increase mutual understanding and identify new ways of working that will deliver economic and societal benefits. The results of this dialogue will be brought together in a plan for an Integrated European Research Programme for the Arctic and the Antarctic that will be co-designed with all relevant stakeholders and coordinated with the activities of many other polar research nations beyond Europe. Additionally, EU-PolarNet will closely cooperate with the European Commission by providing support and advice on all issues related to the Polar Regions. EU-PolarNet will require input from the social science community.

- An abstract is in Annex 2.3.1.

2.3.2 SHWG-RELEVANT ACTIVITIES IN MEMBER JURISDICTIONS

SHWG MEMBERS

SHWG Members will have the opportunity to report on relevant activities in their jurisdiction.

2.4 REVIEW OF SHWG FOCI

PETER SCHWEITZER

The Scientific Foci of the Working Group was discussed and agreed upon at the first WG meeting in Potsdam, Germany in January 2011. Under this agenda item, the WG is asked to revisit these foci and to discuss possible changes or additions.

- A list of the current SHWG foci is in Annex 2.4.

2.5 UPCOMING ACTIVITIES

2.5.1 IMPROVED HEALTH KNOWLEDGE IN THE ARCTIC – THE QUESTION OF MISSING DATA

PETER SKÖLD AND ARJA RAUTIO

It is important to have accurate information related to the health development in the Arctic. Generally, official registers present information about the inhabitants of the Arctic regions that is of equal quality compared to the non-Arctic parts of a respective country. There are, however, two major deficiencies; parameters that are compatible between the Arctic countries and data that has the capacity to illustrate the indigenous peoples separately. There is a great need to improve and merge quantitative ethnic information at the individual level in official registers and statistics. This is a prerequisite for the understanding of the present situation, and for a sustainable development of indigenous cultures. A workshop on missing health data will be held on June 11th, 2015 during the upcoming 16th International Congress on Circumpolar Health in Oulu, Finland. This workshop aims to discuss the best pathways for an improved data collection and construction. It will highlight the obstacles to a sustainable and long-term health monitoring in the Arctic.

2.5.2 SPECIAL SESSION ON “RESOURCES, QUALITY OF LIFE AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC” AT THE INTERNATIONAL GEOGRAPHICAL UNION REGIONAL CONFERENCE

TATIANA VLASOVA AND ANDREY PETROV

A special session on “Resources, Quality of Life and Sustainable Development in the Arctic“ will be organized during the International Geographical Union (IGU) Conference in Moscow, Russia from August 17th to 22nd, 2015. This will be the first time since 1976 that the IGU meets in Russia. As a result, this is a unique opportunity to engage Russian scholars and ensure considerable participation and interest from Russian scientists. The special session will directly relate to three of the key themes of the IGU 2015 meeting: Polar studies; climate change; and, regional sustainability. The papers presented during the session will focus on the connection between the use of natural resources and human well-being in the Arctic in the context of sustainable development in different regional and institutional contexts. Efforts will be made to ensure methodological and regional diversity, and achieve a combination of conceptual papers and case studies that represent community-based and community-relevant approaches.

2.6 PROPOSED ACTIVITIES

2.6.1 NEW ACTIVITIES PROPOSED BY SHWG MEMBERS

Under this agenda item, new suggestions and proposals on WG activities will be brought forward by members of the Working Groups. This will include short presentations followed by a discussion.

2.6.1.1 GENDER ASYMMETRY IN NORTHERN COMMUNITIES: BUILDING A RESEARCH NETWORK FOR THE NORDIC COUNTRIES, BALTICS AND RUSSIA (NOR-GA)

J. OTTO HABECK

In the indigenous and rural areas of the Nordic Countries, the Baltics and the Far North of Russia, there is a widely shared feeling that female and male identities and life-ways are increasingly out of pace with each other. This gender asymmetry can be discerned in the differential character of higher education, career strategies, patterns of mobility, but also in risk-taking behaviour, drug consumption, and life expectancy. This pilot project seeks to develop a research agenda and toolkit to address such gender-related social concerns. A workshop and seminar in 2016 will explore this general phenomenon from its margins: what do "marginal" identities and arrangements reveal about the current complexities and predicaments of gender relations? This pilot project will examine key aspects of "Human Health and Well-being", which is one of the scientific foci of the IASC Social and Human Sciences Working Group. We deem it necessary to investigate

how "radical changes in family structures" (ICARP II Science Plan 2) have affected personal relations, life projects, personal well-being and communal welfare.

- A summary of the proposed activity is in Annex 2.6.1.1.

2.6.1.2 A EUROPEAN ARCTIC POLICY: THE ROLE OF EU NON-ARCTIC MEMBER STATES

ELENA CONDE

The proposed initiative is a conference focused on the role played by European non-Arctic Member States in designing a regional Arctic policy. The conference will be developed on the basis of selected papers focused on five key issues and additionally, a set of round table discussions will be coordinated by outstanding international lecturers and mediators, on the basis of a call for papers. The call is open to all early career scientists, researchers and senior scientists whose contribution can enrich the reflection of the early career scientists and participants at the conference. The participation of contributors from non-Arctic European countries is highly recommended and the celebration of the conference will be followed by the publication of the congress' proceedings.

- A summary of the proposed activity is in Annex 2.6.1.2.

2.6.2 NEW ACTIVITIES PROPOSED BY EXTERNAL GROUPS

Under this agenda item, new suggestions and proposals on WG activities will be brought forward by individuals who are not SHWG members. This will include short presentations followed by a discussion.

2.6.2.1 ENERGY JUSTICE IN THE ARCTIC: IMPLICATIONS FOR ENERGY INFRASTRUCTURAL DEVELOPMENT IN THE ARCTIC

ROBERT REHNER, UNIVERSITY OF ST ANDREWS

With unequal distribution of benefits and threats of oil and gas, justice on the procedural and recognition level is needed to respect, include, and mobilize local communities within the decision making for governmental and business processes. Energy justice provides a framework for assessing the justice implications or injustices of current policy decisions as well as making practical recommendations. This activity proposes the application of an emerging research agenda in "energy justice" to the context of energy



exploration in the Arctic region, with a more targeted focus on individual geographical areas.

- A summary and abstract regarding the proposed activity is in Annex 2.6.2.1 (a and b).