

## CLIMATE CHANGE IN NORTHERN TERRITORIES

*Sharing Experiences and Exploring New Methods*

*Assessing Socio-Economic Impacts*

**Open Assembly/Conference in Akureyri, Iceland**

**22. – 23. August 2013**

**Program (Draft 19<sup>th</sup> August 2013)**

### **Wednesday 21st August**

**Pre-Conference day for the NRF Young Researchers**

### **Thursday 22nd August**

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|---------------|--|
| 08:00         | A bus to the Conference Venue leaves from Hotel KEA, down town Akureyri. A few minutes after departure the bus stops at Iceland Air Hotel before continuing its way to the venue.  |
| 08:15 – 09:00 | <b>Registration – Coffee</b>   |
| 09:00         | <b>Words of welcome</b><br>Rector Stefán B. Sigurðsson, Professor Lassi Heininen and Professor Grétar Þór Eypórsson  |
| 09:25         | <b>Opening speech</b><br>Mr. Ólafur Ragnar Grímsson President of Iceland   |
| 09:45         | <b>Keynote session (N 101)</b><br>Executive Director Patricia A. L. Cochran, Alaska Native Science Commission: <i>"Indigenous Peoples and Climate Change: Framing the Dialogue"</i><br><br>NRF Young researcher Nikolas Sellheim: <i>"Living with 'Barbarians' - Within the Commercial Sealing Industry"</i><br><br>Open for questions/discussions |
| 10:35         | <b>Coffee break</b>  |
| 10:50         | <b>Parallel sessions I, II and III</b>   |
|               | <b>Session I: Sustainability in the north and nature resources (N 101)</b><br><br>Stefan Sigurðsson: <i>"The Natural Resource: Reindeer"</i><br><br>Sigriður Kristjansdóttir: <i>"Global climate changes and the tensions of Sustainable Development"</i>  |

NRF Young Researcher Susan Carruth: „Climate & Change: Greenland's energy landscape“

Jón Þorvaldur Heiðarsson: „Sailing with containers through the artic - how can it be done and what will it mean?“

## Session II: Policy and governance in the Arctic (M 101)

Gestur Hovgaard & Gretar Eypórssón: „The West Nordic region: Possibilities and role in future development in the North-Atlantic“

Dmitry Zimin: „Climate Change and the Northern Sea Route: A New Russian Strategy in the Arctic?“

Lisa Van Well & Johanna Roto: „The Arctic: Europe's Strategic Neighbourhood“

Heikki Eskelinen & Matti Fritsch: „Looking North – the Arctic Dimension in Finnish Regional Policy“

## Session III: Adaptation to socio-economic changes in the Arctic (M 202)

Elin Ebba Ásmundsdóttir: „Enabling social capital in the Arctic“

NRF Young Researcher Noor Johnson: „Grantwriting and other translational skills in adaptation practice“

Andréa Finger: „Agency as redefined by climate change: the case of the Arctic“

Robin Bronen: „Climate-Induced Community Relocations: „Resilience and Adaptation of Alaska Native communities“

12:30

**Lunch**

13:45

**Reporting from parallel sessions (N 101)**

14:00

**Keynote session (N 101)**

Senior Researcher Jon Naustdalslid, former Director General at Norwegian Institute for Urban and Regional Research (NIBR): "The certainty of uncertainty: The challenge of planning for a changing climate"

Open for questions/discussions

14:45

**Parallel sessions IV and V**

## Session IV: Climate change: Planning for responses (M 101)

Tanja Suni et al.: "Land-atmosphere-society processes in the boreal and Arctic regions – collaboration opportunities within iLEAPS and PEEX"

Antti Roose et al.: „Mitigation policies and planning responses to emergent suburban development in Estonia“

NRF Young Researcher Julia Martin: „Hyperextended objects in environmental planning“

### Session V: Legal matters and climate change (N 101)

Natalia Loukacheva: „Climate Change Governance in the Arctic and Legal Issues“

Anton Vasiliev: „Arctic Council and Climate Change Policies“

NRF Young Researcher Bianca Tiantian Zhang: „Legal Challenges of Precautionary and Ecosystem Approach in Arctic Fishery Governance“

Lára Jóhannsdóttir: „Role of insurers when adapting to changing climate“

- 15:35 **Coffee break**
- 15:50 **Parallel sessions IV, V and (continues)**
- 16:40 **Reporting from parallel sessions, discussion and summing up**
- 17:45 **Buses to hotels**
  
- 19:30 **Conference Dinner at Hof, Akureyri Cultural House**

### **Friday 23rd August**

- 08:30 A bus to the Conference Venue leaves from Hotel KEA, down town Akureyri. A few minutes after departure the bus stops at Iceland Air Hotel before continuing its way to the venue.

- 09:00 **Keynote session (N 101)**  
Dr. Erik Gløersen, senior consultant at Spatial Foresight, lecturer and researcher at the University of Geneva: *“Factoring in Territorial Diversity in development and adaptation strategies: Policy challenges and methodological proposals”*

Open for questions/discussions

- 09:45 **Parallel sessions VI, VII and VIII**

### **Session VI: Climate change impacts in the Baltic Sea Region (N 101)**

Janis Lapinskis: „Climate change impacts on coastal areas in Latvia“

NRF Young Researcher Ilona Mettiäinen: „Planned or emerging futures? Addressing climate change on regional level by strategic planning“

Jaak Jaagus: „Recent climate changes in the Baltic Sea region and their impacts in the coastal regions of Estonia“

Arvo Järvet: „Adaptation methods of climate change and recommendations for water management in Estonia“

### Session VII: Resilience in the high north (M 101)

NRF Young Researcher Michał Łuszczuk: „Maritime regionalism as a framework for analysing the territorial challenges of the Arctic transformation“

Kári F. Lárusson: „Rapid Assessment for Rapid Change "information for adaptation in the North“

Vífill Karlsson & G. Eypórssson: „Adaption to changes in two rural municipalities in Iceland“

Edward H. Huijbens: „Incorporating climate change in polar tourism product development“

### Session VIII: Health care in the high north (M102)

Sigfriður Inga Karlsdóttir: „Giving birth in rural areas“

Hildigunnur Svavarsdóttir et al.: „Factors affecting recruitment and retention of health care professionals in rural areas“

Sonja Stelly Gustafssdóttir: „Public perspective on health care service in rural areas“

Sigrún Sigurðardóttir et al.: „Psychological Trauma, Stress and Violence: Consequences for Health and Well-being“

10:35

**Coffee break**

10:55

**Parallel sessions VI, VII and VIII (continues)**

11:45

**Reporting from sessions (N 101)**

12:00

**Lunch**

12:45

**Arctic research and networking in Iceland** (Short presentations in plenary during lunch break)

13:15

**Keynote session (N 101)**

Professor Matthias Finger, Ecole Polytechnique Federale (EPFL): „The resources exploitation / climate change nexus: why the Arctic matters for the world“

NRF Young researcher Hanna Lempien: *“Social sustainability in/and the Barents energyscape: Conceptual and methodological platforms for tracing the elusive social”*

Open for questions/discussions

14:05

#### Parallel sessions IX, X and XI

#### Session IX: Nature, natural resources and climate change in the Arctic (N 101)

Bergur Einarsson et al.: *„The impact of climate change on glaciers and glacial runoff in Iceland”*

NRF Young Researcher Sigmar Arnarsson: *„Northern Shift of Species: Effects of Mackerel Processing in Iceland; Social-, Economical- and adaptability analysis of the Municipality of Vopnafjörður at the East Coast of Iceland”*

Steingrímur Jónsson: *„Climate variability, climate change and the future of fisheries in the Arctic and sub-Arctic marine ecosystems”*

Páll A. Daviðsson: *„THE ICE CIRCLE: funding research and providing an international channel of communication for Arctic voices”*

#### Session X: Social changes and adaption (M 101)

Garri Raagmaa: *„Regional Higher Educational Institutions as Green Economy Knowledge Hubs in the Northern Territories”*

NRF Young Researcher Marguerite Marlin: *„Leveraging Globalization: How Global Venues Offer a Comparative Advantage for IPO Influence on Arctic Policy”*

Eva Halapi et.al.: *„Climate Change – Perceptions and knowledge among young adults in Iceland”*

Anna Lilja Sigurvinsdóttir et.al.: *„Awareness, perception and attitudes on global climate change among Icelanders”*

#### Session XI: Exploring methods for adaptation to climate change (M102)

Sigurðsson

Kristín Þórarinsdóttir et.al.: *„Can action research act as a vehicle in climate change adaptation?”*

Olaf Foss et.al.: *„Methodological challenges in multi-disciplinary climate change research - experiences from ESPON CLIMATE”*

Janis Kaulins et.al.: *„Municipal Indicator System Development for risk adaptation and communication assessment in coastal risk governance”*

Erik Gløersen: *„Using Foresight to trigger entrepreneurship and growth in West Nordic rural communities”*

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14:55	Coffee break
15:15	Parallel sessions (continues)
16:05	Reporting from sessions (N 101)
16:20	Panel discussion, summing up and farewell
18:15	Buses to hotels

**Saturday 24th August**

<b>10:00 – 17:00</b>	<b>Excursion Day:</b> Eyjafjörður coast line, Siglufjörður and Skagafjörður <a href="https://events.artegis.com/lz/CustomContent?T=1&amp;custom=1657&amp;navid=5691&amp;event=10494">https://events.artegis.com/lz/CustomContent?T=1&amp;custom=1657&amp;navid=5691&amp;event=10494</a>
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