



Calotte Academy 2012

Water – globally and in North Calotte

28th of May – 4th of June 2012

Rovaniemi and Inari, Finland; Kiruna and Abisko, Sweden; and Tromsø, Norway

The Calotte Academy 2012 will be organized in May 28 – June 4, 2012 in Rovaniemi and Inari, Finland; Kiruna and Abisko, Sweden; and Tromsø, Norway (see the exact route and schedule above).

The Calotte Academy is an annual travelling symposium for both academic and policy-oriented discussion and dialogue between scholars, scientists and PhD students as well as other experts.

About the theme

The theme as well as focus of the 2012 Calotte Academy is '*Water*', inspired by the fact that (fresh) water is the most important resource for human beings and non-human beings alike, and a precondition for life, and health and well-being. It is also inspired by how water is in a changing state from solid (ice or snow) to liquid (water) which exposes a range of issues for Arctic futures, for resilience, adaptation, transformation – in all, human and environmental security. Furthermore, although water is a renewable natural resource, there is a scarcity of fresh water in many, if not even most, parts of the globe due to population pressures, environmental degradation and climate change(s). Finally, as a consequence of all this, water is strategic resource causing competition and conflicts, and as seen as an attractive product for commercialization by private companies.

During the 2012 Academy '*Water*' will be discussed on one hand from global and local context in the European North, and on the other hand, holistically from many angles and disciplinary approaches.

About the procedure

The 2012 Calotte Academy will be implemented so that each of an international group of scholars, PhD students and other experts (on the theme) from Europe, North America and Russia has her / his presentations of 15 minutes in one of the ten sessions of the 2012 Calotte Academy in one of the five sites of the Academy. After each presentation there will be lot of time for questions, comments and open discussion - a dialogue, where each participant is asked to be active.

Detailed Programme and Schedule

Sunday 27th of May in Rovaniemi
(Venue: Rovaniemi City Hall, Hallituskatu 7)

At 18:00 - 19:30 Welcome reception at the City Hall hosted by the City of Rovaniemi

- *Emilie Beaudon and Tomi Knuutila, University of Lapland: "Svalbard Orchestra"*

Monday 28th of May in Rovaniemi
(Venue: University of Lapland main campus)

At 9:00 Transportation from Guesthouse Borealis to the University of Lapland

At 09:30 - 12:00: Session 1 Lecture hall (LS 5): "Water globally and as a universal thing"

- Opening of the 2012 Calotte Academy
- *Joyce Valdovinos, Université Sorbonne: "Building water governance: The role of French multinationals in the global water sector"*
- *Gerald Zojer, University of Vienna: "De-democratization of the control over natural resources: The commercialization of the European water market"*
- *Joël Plouffe, UQAM: "The French 'Maritime Destiny': the Arctic Ocean as an Emerging Strategic Zone for France"*

At 12:00 - 13:15 Lunch (on own)

At 13:15 - 15:30: Session 2 Lecture hall (LS 5): "Water as a factor of regional development"

- *Esko Lotvonen, Lapland Regional Council: "The multi-dimensional role of water in Lapland"*
- *Hooman Peimani, National University of Singapore: "Water-Energy-Conflict Nexus in the Mekong River region"*
- *Timo Koivurova, Arctic Centre: "Why was there a need to amend the frontier river treaty between Finland and Sweden?"*

At 15:45 - 16:30 Joint Brainstorming meeting of the TN on Geopolitics and Security and Rovaniemi "Think tank" project, LS 5

At 16:40 Departure from the University of Lapland Campus to Kemijoki Oy (by bus)

At 17:00 - 20:00 Session 3 at Kemijoki Oy: "Hydropower and regulation power"

- *Timo Torvinen, Kemijoki Oy, "The Kemijoki Group in Brief – Importance of hydro-power, particularly regulation power"*
- *Hanna Lempinen, University of Lapland: "Green-washing the invisible? Verbal and visual argumentation of hydro power in renewable energy advertising"*
- Reception and dinner

At 20:00 Departure to Kiruna, Sweden

Tuesday 29th of May in Kiruna
(Venue: Malmfältens Folkhögskola Campingvägen 3, Kiruna)

At 09:30 – 10:00: Welcoming words and Summary of Rovaniemi seminar

- *Annika E. Nilsson, Stockholm Environmental Institute, SEI: Assessing Arctic Futures. Voices, Resources and Governance*

At 10:00 - 12:00: Session 4: Workshop with PhD presentations

- *Audur H. Ingólfssdóttir, University of Lapland & University of Iceland: Environmental Changes and Security. What Motivates Policy Shapers?*
- *Michael Laiho, University of Lapland: "Telling it how it is: Arctic sea ice in the EU's climate discourse – science and industry in policy making"*
- *Gustav Petursson, University of Lapland: "An Arctic state within a security community: the relationship of Iceland and NATO after 2006"*

At 12:00 – 13:00 Lunch

At 13:00 – 13.45 LKAB and the city transformation. Folkets Hus

At 14:30 - 18:00: Session 5: "Water and decision making"

- *Andreas von Uexkull, SAO for Sweden: "Swedish chairmanship of the Arctic Council: Sweden and the North Calotte"*
- *Georgia Destouni, "Changing water in the Arctic"*
- *Birgitta Evengård, "Climate change and water security"*
- *Charlotta Jannok, "Water and local decision making in Kiruna municipality"*
- Panel discussion about water and decision making in a changing Arctic, including remarks from LKAB Environmental Manager Anders Lundqvist. Moderated by *Annika E. Nilsson*

At 18:30- Dinner

Wednesday 30th of May in Kiruna
(Venue: Malmfältens Folkhögskola Campingvägen 3, Kiruna)

8:30 - 11:30: Session 6: "Understanding water resources in a rapidly changing Arctic"

- Roundtable discussion on the strengths and weaknesses of different analytical perspectives.
 - Actor-Network Theory: Dag Avango
 - Resilience and tipping points: Annika E. Nilsson
 - Modelling: Georgia Destouni
 - Health of humans and animals in a changed landscape: Birgitta Evengård

Discussion focusing on the following questions:

- What are the key questions you ask?
- How can your perspective guide decision making?
- What are the particular strengths?
- What are specific weaknesses and blind spot?
- Which analytical perspective can be combined? How?
- Conclusion and next steps

At 12:00 - 13:30 Lunch

At 13:30 - 16:00 Brainstorming session of TN on Geopolitics and Security, and joint projects

At 16:00- Dinner and Free time (on own)

Thursday 31st of May

08:00 - 09:30 Travel from Kiruna to Abisko

09:30 - 13:00 Visit to Abisko Scientific Research Station (Host: Christer Jonasson)
and lunch

13:00 - 17:00 Travel from Abisko to Tromsø

At 17:30 – 18:30 Session IPY GAPS Reaching Out (joining IPY GAPS conference in Tromsø)

Building upon the research front-line:

- Current initiatives by GAPS and related project participants (research proposals, interest in collaboration, ways forward)
- *Lassi Heininen University of Lapland, "Calotte Academy "*
- *Annika E. Nilsson, SEI: "Understanding water resources in a rapidly changing Arctic"*

Friday 1st of June in Tromsø

(Venue: Universtiy of Tromsø, Main Campus)

9:00 – 11:00: Session 7: IPY GAPS and Calotte Academy – With the High North Academy

Welcome and introductory words by Gunhild Hoogensen-Gjörv, Uni. Tromsø

- *Lassi Heininen, University of Lapland: "Strategic importance of water in Arctic geopolitics and Northern security"*
- *Jussi Huotari, University of Lapland: "The Arctic of transnationals"*
- *Annika E. Nilsson, SEI: "Assessing Arctic Futures: A conceptual framework for understanding the role of voices, resources and governance"*

At 11:00 – 12:00: Lunch

12:00 – 14:30: Session 8: With the Fram Centre

- *Sébastien Duyck, Arctic Centre: "Managing fisheries in a changing climate"*
- *Piotr Graczyk, Uni. Warsaw: "The Arctic Council – an emerging actor in Arctic shipping regulation?"*
- *Daniel Martsenyuk, Petrozavodsk State University: "International legal foundations regulating marine on the Arctic Sea routes"*
- *Igor Shevchuk, Karelian Research Centre of the Russian Academy of Sciences: "AQUAREL concept: Cross-sectoral approach in innovative utilization of aquatic bioresources"*

Dinner and free time (on own)

Saturday 2nd of June

10:00 – 20:00 Travelling from Tromsø to Inari

20:00 - Sauna and picnic in Inari

Sunday 3rd of June in Inari

At 14:00 - 18:00 Visit at Sámi Museum SIIDA

18:00 - Dinner and free time (on own)

Monday 4th of June in Inari

(Venue: Sámi Cultural Centre Sajos, Solju parliament hall)

At 9:30-12:15 Session 9: "Water regionally – the case study of North Calotte"

Opening of the Inari session

- *Matti Hepola, Lapland Centre for Economic Development, Transport and the Environment: "Northern transboundary water agreements in a changing international water law"*

- *Adam Stepien, Arctic Centre: "Building dams in North Calotte and in the Global South: an unlikely interrelation"*
- *Nikolas Sellheim, University of Lapland: "Fur and loathing in Europe – The European Union and the seal hunt"*

At 12:15-13:30 Lunch

At 13:30-17:00: Session 9 " Fisheries, shipping and searching in Northern Seas"

- *Margret Cela, University Lapland: "Fishery Policy in Iceland: Past, Present, Future"*
- *Andreas Raspotnik, University of Cologne: "The Future of Arctic Shipping Along the Transpolar Sea Route"*
- *Alexander Sabaev, Petrozavodsk State University: "The SAR Agreement – the first pan-Arctic legally binding document"*

At 17:30- Travel from Inari to Rovaniemi

About the Calotte Academy

The Calotte Academy is an annual, international travelling symposium for a dialogue among members of the research community and PhD and graduate students, and a wide range of other experts and northern stakeholders, such as policy-makers, civil servants, community leaders and planners.

The Calotte Academy is structured so that there will be on one hand, academic sessions with scientific presentations in each location, and on the other hand, public sessions with expert presentations in one or two locations. An international group of researchers, other experts and PhD and graduate students from Europe, North America and Russia travel together in the sites of the Academy. These sites are (in most cases) located in the Barents region (North Finland, North Norway, North Sweden and the Murmansk Region in Russia).

For more detailed information see for example, the Final Report of the Calotte Academy 2011 at the NRF website (www.nrf.is).

Organizers

The 2012 Calotte Academy is co-organized by Faculty of Social Sciences at University of Lapland, Thule Institute at University of Oulu, and Sámi Educational Centre of Inari (from Finland); Department of Sociology, Political Science and Community Planning at University of Tromsø (from Norway) and Stockholm Environmental Institute (from Sweden) in cooperation with Lapland Regional Council, Kemijoki Oy, Rovaniemi Think tank, Northern Research Forum and the NRF-UArctic joint Thematic Network on Geopolitics and Security.

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For more information on the Calotte Academy: www.nrf.is