FROM THE DIRECTOR

Last week a group of Arcum affiliated researchers entered the train from Umeå to Abisko. Umeå University has a long tradition of conducting research in Abisko. Not least, Climate Impacts Research Centre (CIRC) is a major stakeholder that uses the Abisko Scientific Research Station (ANS) and its infrastructure for outstanding research with focus on climate and environmental change related impacts on arctic terrestrial and aquatic ecosystems. The research group had limited experiences from Abisko, and the participation at the CIRC research symposium aimed to find ways to develop contacts and new research initiatives, not least in an inter-disciplinary and international context. And we had some wonderful days with terrific discussions and presentations. Arcum aims to make a similar call for visiting Abisko next year.

ANS is administrated by the Swedish Polar Research Secretariat (POLAR) with whom Arcum last year signed a Memorandum of Understanding. The united sorting under The Ministry of Education is based in Stockholm, but next June they will officially open up new facilities in Luleå, after a directive from the government. This actually opens up for a closer collaboration with Arcum, and with Luleå University of Technology. As part of this Arcum co-organizes the next Polar Meeting in Gothenburg on 8 November, and plan for hosting the event in 2019.

We are happy to note that researchers from Umeå University more frequently participate in the larger Arctic conferences. During the Arctic Science Summit Week in Davos Arcum was well represented, and during the University of the Arctic Congress in Oulu and Helsinki in the beginning of September a fairly large group of Umeå researchers participated. Arcum will also sponsor an early-scholar representative at the upcoming Arctic Circle in Reykjavik. It is of uttermost importance to participate in the main conferences, to show how active and successful we are, and to build networks and collaborations. The third conference that should be mentioned in this context is of course Arctic Frontiers, arranged annually in Tromsø.

The Swedish chairmanship of the Nordic Council of Ministers and the Barents Euro Arctic Council (BEAC) has opened up also for Arctic research initiatives. A large research planning symposium was arranged outside Helsinki in May, and Arcum has agreed to chair the BEAC Joint Working Group on Education and Research. This will involve intensive collaboration with Russian universities and institutes. All affiliated researchers with an interest in such cooperation are welcome to contact me.

I also would like to put to your attention the new call for strategic funding (details in this Newsletter), the new issue of the Journal of Northern Studies (published by Umeå University) and the forthcoming Umeå Arctic Forum that will take place on December 12. Please mark this in your calendars!

Peter Sköld, director Arcum
The Fifth International Conference on Climate, Tourism and Recreation, CCTR 2018, took place on June 25-27, 2018, at the Umeå University campus, hosted by Umeå University Department of Geography and Economic History and supported by the Arctic Research Centre at Umeå University (ARCUM), The Göstla Skoglund Foundation, Region Västerbotten, and Swedish Research Council for Sustainable Development (FORMAS). CCTR 2018 was the last of a scientific series of events on state of the art research on tourism climatology, realized by the International Society of Biometeorology (ISB) Commission on Climate, Tourism and Recreation since 2001.

The conference lasted three days with two keynotes and panels, 28 presentations under six consecutive sessions and three social events. The two leading researchers of the field, Daniel Scott, University of Waterloo, and Colin Michael Hall, University of Canterbury, held their keynotes on “Tourism Climatology: Past, Present, and Future” and “Polar Tourism and Climate Change”, respectively, followed by discussions from the panelists Michelle Rutty (Michigan State University), David Perkins (Missouri State University), Robert Steiger (University of Innsbruck), Linda Lundmark (Umeå University) and Cenk Demiroglu (Umeå University). The presentations were held by participants from 16 different countries of affiliation, focusing on the main themes of “weather/climate and tourism/recreation relationship”, “climate change adaptation”, and “climate services”. The participants had further chances to build on their networks and get acquainted with Umeå and its region during the welcome reception at the Västerbotten Museum with a guided exhibition of the Sami culture, followed by a gala dinner with Norrland’s delicacies at a local ski area on Kassjöbacken, and a fieldtrip to the Norrbyskär archipelago, known for its heritage of a sawmill community who had pursued a utopic lifestyle to achieve socioeconomic prosperity in the early 20th century.

During the panel on “Polar Tourism and Climate Change”, moderated by Jarkko Saarinen from University of Oulu, AR-CUM researchers Linda Lundmark and Cenk Demiroglu pointed out various issues regarding the Swedish Arctic. Lundmark highlighted Sweden’s “rediscovery” of the Arctic, and the possibilities to develop tourism especially in the remote areas and in the dark, cold low seasons, as well as the external forces such as politics, policies, and the social media, which, along with climate change, would be determining the development pathways of the future. Demiroglu referred to some specific impacts of climate change on tourism in the Arctic, noting that the “winner” status of the north in providing a snow-reliable future for global ski tourism, as anticipated by some leading public and private actors, needs still to be confirmed by interdisciplinary research efforts.
SAVE THE DATE!

Arcum bjuder åter in till vårt årligen återkommande symposium med deltagare som diskuterar regionala utmaningar ur ett arktiskt perspektiv.

**Datum:** Onsdag 12 december 2018  
**Tid:** 9.00 – 17.00  
**Plats:** Umeå Folkets Hus, lokal Grim  
**Moderatorer:** Dieter Müller och Peter Sköld

**2018 års teman**  
Kompetensbehov i norr  
Internationellt samarbete  
Framtidens skogar och klimatförändringar  
Hållbar utveckling

*Observera att forumet hålls övervägande på svenska*

För mer information vänligen kontakta Gabriella Nordin (*gabriella.nordin@umu.se*)
Open calls

ARCUM STRATEGIC RESOURCES

According to decision by the Arcum Board affiliated researchers are entitled to apply for funding from the strategic resources. 2018 has two calls, during Spring and Autumn with deadlines 3 May and 29 November respectively.

The activity must be of relevance for Arctic research. Arcum Board has decided on the following priorities:

**Category 1** – arrangements (conferences, workshops, symposia, seminars), max SEK 20 000.

**Category 2** – travel to strategically important events (Arctic Frontiers, Arctic Circle, ICASS, UArctic Congress, ASSW, Arctic Spirit, ICCH), max SEC 10 000.

**Category 3** – applicants actively engaged in Arcum initiatives (Umeå Arctic Seminar, Umeå Arctic Forum, workshops, symposia and seminars)

**Category 4** – applicants that lack previous Arcum funding

**Category 5** – other applicants for conference participation, invitations, field work (max SEK 10 000)

**Category 6** – translation and publications (max SEK 5000)

Arcum strives for an equal gender balance when granting funding. Successful applications must send in a report when the activity has taken place, and attach publications or other relevant materials.

Arcum should be given best visualization possible within the funded activities; for example being mentioned in publications and displayed in workshop advertising.

Mandatory parts of the application are description of the activity and its aims, to include a complete budget where Arcum share is illustrated, to provide a time frame for the activity, and to consider gender aspects.

The application should be written in an especially provided form (see web page), and a short report should be sent to Arcum after the activity has taken place.

Send your application to: peter.skold@umu.se

For application form, please visit: [http://www.arcum.umu.se/english/in-focus/calls-for-funding-and-open-positions/call-for-funding-from-arcum-strategic-resources/](http://www.arcum.umu.se/english/in-focus/calls-for-funding-and-open-positions/call-for-funding-from-arcum-strategic-resources/)

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Ansök om stipendium från Stiftelsen Ymer-80


Sista ansökningsdag är 3 december 2018.

The Arcum website

The Arcum website is filled with useful information with an Arctic/Northern theme. There you will find information on recent Arcum activities, upcoming seminars and workshops. You can also find upcoming conferences, courses and calls for fundings, both national and international. Additionally we inform about New publications, and also latest News with an Arctic/Northern theme.

www.arcum.umu.se
www.arcum.umu.se/english/

Do you have additional ideas on what you would like to find at the Arcum website? Or do you have information that you would like to be posted there?

Please contact Gabriella Nordin (gabriella.nordin@umu.se)

Umeå Arctic Seminars Fall 2018

As previous semesters we will continue to offer a combination of scientific meetings and a light lunch. Every month we meet at Universitetsklubben 12:00-13:00 for a short speech, discussions and a light lunch. The schedule for Fall is not all set, but mark the dates below in your calendar to make sure to be able to attend.

Do you have ideas on whom you would like to listen to, or do you want to hold a speech at an upcoming seminar, please contact Gabriella Nordin. For more information on speakers and R.S.V.P-dates please visit www.arcum.umu.se or contact Gabriella Nordin at gabriella.nordin@umu.se.

Tuesday September 25  Per Hansson, Vox Natura and guest researcher at Arcum will hold a talk on Koncentrationer av hotade termikflyttan de fåglar i Fennoskandia. Please note that the seminar are to be held at 13:00 - 15:00 at Norra Beteendevetarhuset 4th floor. The seminar will be held in Swedish.

Thursday October 4 NEW DATE! Dean Carson, Charles Darwin University in Australia and visiting professor at the Arctic Research Centre at Umeå University, will hold a talk on "Go away - young people": why youth outmigration from the rural Arctic should be encouraged.

Thursday November 1 Lena Maria Nilsson, research coordinator at Arcum and the Department of Public Health and Clinical Medicine will hold a talk on Medical Research at Umeå University.

Friday December 7 David Chapman, Architecture, Architecture and Water, Department of Civil, Environmental and Natural Resources Engineering at Luleå University of Technology, will hold a talk on Urban morphology and the winter city.

Wednesday December 12 UMEÅ ARCTIC FORUM - SAVE THE DATE!

WELCOME!
Forthcoming dissertations

Sylvain Monteux - Ekologi, miljö och geovetenskap, Umeå universitet

Datum: 2018-09-28  
Tid: 10:15 - 14:00  
Plats: naturvetarhuset, N430

A song of ice and mud: interactions of microbes with roots, fauna and carbon in warming permafrost-affected soils

Fakultetsopponent: Professor Joshua Schimel, Ecology, Evolution and Marine Biology, University of California, Santa Barbara.

Huvudhandledare: Ellen Dorrepaal


David Chapman - Arkitektur, Arkitektur och vatten, Institutionen för samhällsbyggnad och naturresurser, Luleå Tekniska Universitet

Datum: 2018-10-12  
Tid: 9:20 - 10:20  
Plats: Luleå, C305

Urban design of winter cities: Winter season connectivity for soft mobility

Fakultetsopponent: Kittang, Dag, Professor, Norwegian University of Science and Technology.

Fulltext i DiVA: http://ltu.diva-portal.org/smash/record.jsf?pid=diva2%3A1240262&dswid=7254
Upcoming conferences and workshops

10th Circumpolar Agriculture Conference
New thinking about local agriculture in the circumpolar Arctic – Best practices, innovations and perspectives
13-15 March 2019
Arctic Centre, University of Lapland
Rovaniemi, Finland

First announcement
The conference is the tenth in line of international conferences organized within the framework of CAA (Circumpolar Agriculture Association), aimed at people involved in northern agriculture such as researchers, practitioners, administrators, managers, policy-makers and students. The conference will address a bottom-up approach and new thinking of local agriculture, food production and rural development in the northern areas. The goal is to open up and discuss versatile meanings of circumpolar agriculture and call for new thinking to address its topical challenges and opportunities. The sessions will highlight among others best practices and resilient solutions in the utilization of animal and plant resources, local breeds, reindeer herding, small-scale farming and non-timber forest products. The conference will address the high quality of arctic foods, their local profitability and business opportunities. The importance of food security and sustainability in different regions and countries will also be discussed.

The conference is hosted by the Arctic Centre, University of Lapland together with the Natural Resources Institute Finland; other co-organisers are ProAgria Lapland, Lapland University of Applied Sciences, Regional Council of Lapland and Reindeer Herders’ Association.

Preliminary program:
12th March: ca. 15:00 Pre-conference trip to a reindeer farm
Evening reception by Rovaniemi City
13th March Keynote speeches and sessions
Arctic Deli Market
14th March Keynote speeches and sessions
Panel discussion
15th March Post-conference excursion in northeast Lapland (whole day)

More information: www.ulapland.fi/CAC2019

Registration and submission of abstracts will be opened at the conference website in May 2018.

Further information: Päivi Soppela, Chair, Circumpolar Agriculture Association, paivi.soppela@ulapland.fi, phone +358 400 138 805
Paula Tulppo, Conference Secretary, paula.tulppo@ulapland.fi, phone: +358 40 484 4379
Upcoming conferences and workshops - continued

Arctic Frontiers 2019  Tromsø, Norway
20-25 January, 2019

Arctic Frontiers Science 2019 takes place Tuesday 22 January until Thursday 24 January 2019.

Arctic Frontiers Science 2019 will address the following themes:
- Plastics in the Ocean
- The future of governance and handling vulnerability in arctic ecosystems
- State of the Arctic
- A Smart Arctic Future

You can read more about each topic at Arctic Frontiers web page.

On behalf of the Arctic Frontiers Science Committees, we have great pleasure in inviting you to submit one or more abstracts to any of the four themes.

We kindly ask you to do so in accordance with the instructions provided on the Call for Papers page. All abstracts are reviewed by scientific experts for rating of abstract quality and presentation content.

Abstract submission closes on **Tuesday 25 September 2018, 23:59, CET**.


New publications

Journal of Northern Studies Issue 1, 2018

Eds. Lars-Erik Edlund & Olle Sundström

**Articles**

**Else Mundal**, Sami Sieidis in a Nordic Context?

**Anders Hultgård**, Personal Religion among the Ancient Scandinavians and the 21 Fulltrúi-Concept

**Takako Yamada**, The Ainu Bear Ceremony and the Logic behind Hunting the Deified Bear

**Veli-Pekka Lehtola**, “The Soul Should Have Been Brought along.” The Settlement of Skolt Sami to Inari in 1945–1949

**Ingvar Svanberg**, Ethnomycological Notes on Haploporus odorus and other Polypores in Northern Fennoscandia

**Anne Heith**, Ethnofuturism and Place-Making. Bengt Pohjanen’s Construction of Meänmaa

[http://www.jns.org.umu.se/](http://www.jns.org.umu.se/)
New publications - continued

**Arctic Governance in a Changing World**  
Mary Durfee and Rachael Lorna Johnstone

**Publisher:** Rowman & Littlefield  
**Pages:** 296  
978-1-4422-3562-5 Hardback (January 2019)  
978-1-4422-3564-9 eBook (coming soon)  
**Series:** New Millennium Books in International Studies  
**Subjects:** Political Science / International Relations / General, Business & Economics / Environmental Economics, Law / International, Law / Natural Resources, Political Science / Public Policy / Environmental Policy

Arctic Governance in a Changing World provides a succinct yet precise account of the contemporary Arctic in the context of international relations and international law to explain the people and processes that govern the Arctic.

The book begins with an overview of the Arctic in light of its inextricable relation to the wider world. An explanation of environmental and political change in the Arctic follows. The book shows how various players in Arctic decision-making influence different spheres of governance. Security in the Arctic is analyzed in terms of both national and human security. Arctic economies are presented and then explored from a political economy perspective, including free trade issues and the influence of China. The book is strong on human and indigenous rights and explains how these rights constrain state and corporate behavior. It shows how the law of the sea in the Arctic determines resource allocation. Unique in a textbook about international relations is a chapter on Arctic shipping. The book explains how (and to what extent) international environmental law protects the vulnerable Arctic and its inhabitants in times of climate change. It concludes with an analysis of resilient governance in the Arctic.


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**Save the date!**

**Polarforum 2018**

Boka in 8 november för då är det dags för årets Polarforum! Det årliga tvärvetenskapliga mötet om svensk polarforskning har hållits i Stockholm de senaste åren, men i höst kommer Polarforum för första gången till Göteborg. Planeringen pågår för fullt och mer information kommer inom kort på [https://polar.se/](https://polar.se/)
If you want a post on the Arcum Facebook page or an Arcum-tweet on a new publication or an up-coming event send an e-mail to Linus at linus.lundstrom@umu.se.

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