FROM THE DIRECTOR

The Arctic Year at Umeå University involves many activities and events. We have already arranged Kunskapsnoden at Grand Hôtel and Pax Nordica with arctic themes, and the Ninth International Congress of Arctic Social Sciences (ICASS IX) takes place 8-12 June here at Campus. There will also be a Climate Seminar attended by the Minister of Education and Research, Helen Hellmark Knutsson and a Royal Arctic Seminar in October – Umeå University’s present to the King on his 70 years birthday last year. And of course a lot more!

It is amazing how much you all (affiliated) researchers achieve. Almost every day there is something in media where you are involved, and we can certainly not complain on the attention we get for the Arctic. Climate change is a driver for media, and naturally the Arctic gets a central position. This was highlighted yesterday when the AMAP report on raising winter temperatures was presented.

Umeå University has a strong position in international arctic research, and there is an increasing interest from scholars to visit and collaborate with us. Paul Treitz, Professor at the Department of Geography and Planning, Queen’s University, Kingston, Ontario, Canada has been visiting researcher at Arcum for two months. He was engaged in the Umeå Arctic Seminar 7 April with three distinguished colleagues. And a few days ago Min Pan, professor and deputy director at Centre for Polar and Oceanic Studies at Tongji University, China arrived for two months, and next week Luiza Saatova from Novosibirsk National Research State University, recipient of the Sverker Åström Stipend arrives.

In late March the Arctic Forum was arranged in Arkhangelsk with several ministers and presidents of the Arctic countries participating. The President of the Russian Federation Vladimir Putin had a three hour discussion with the Presidents of Finland and Iceland on arctic issues. He declared a willingness from Russia to increase the scientific cooperation, but was also very clear about the fact that Russia has great interest in the natural resources in the Arctic. He showed in-depth knowledge about the Arctic and avoided to comment on the political situation in other countries (i.e. the U.S) that might change the current situation.

With that said we now look forward to ICASS IX with hundreds of researchers visiting Umeå University. It is an extensive machinery of logistics and planning, but it will be great fun!!

Peter Sköld, director Arcum
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 funding’s, 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/

Umeå Arctic Seminars Spring 2017

As previous semesters we will continue to offer a combination of scientific meetings and a light lunch. The first week every month at **12:00-13:00** we meet at **Universitetsklubben** for a short speech, discussions and a light lunch. This Spring we have a very interesting seminar schedule. 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](http://www.arcum.umu.se) or contact Gabriella Nordin at gabriella.nordin@umu.se.

### Thursday May 4

**Ingeborg Nilsson**, senior lecturer (associate professor) at the Department of Community Medicine and Rehabilitation, Umeå University, will hold a talk on *“Can modern technology support a healthy and active ageing in sparsely populated northern Sweden?”*.

### Thursday June 1

**Jenny Ask**, principal research engineer at Department of Ecology and Environmental Studies will hold a talk on *“Changing ice-cover regimes in a warmer climate: Effects on northern aquatic ecosystems”*.

WELCOME!
Upcoming conferences and workshops

8th International Workshop on Sea Ice Modelling, Data Assimilation and Verification November 1-3, 2017 Bergen, Norway

Location:
NERSC
Thormøhlensgate 47
5006 Bergen
Norway

Dates:
Wednesday, 1. November 2017 - 9:00 to Friday, 3. November 2017 - 17:00

A joint workshop between the International Ice Charting Working Group (IICWG), the World Weather Research Programme (WWRP) Polar Prediction Project (PPP), WWRP Joint Working Group on Forecast Verification Research (JWGFVR) and GODAE Oceanview (GOV)

1-3 November 2017 at the Nansen Environmental and Remote Sensing Center (NERSC), Bergen, Norway

Objective:
This workshop builds on a series of successful workshops by the IICWG Data Assimilation Working Group to advance international capabilities for automated sea ice analysis and prediction on timescales from hours to a season. In conjunction with the Year of Polar Prediction (YOPP) organized by the WWRP-PPP, a particular need has been identified regarding the development of more mature and meaningful methods for sea ice verification. The focus of the workshop is to discuss cross-cutting issues in sea ice modelling and data assimilation and how deficiencies of current systems can be more efficiently diagnosed and addressed.

General topics considered appropriate for this workshop include:
- Sea ice data assimilation (methods and results)
- Sea ice observations and uncertainties
- Sea ice model parameterizations and coupling to ocean and atmosphere models
- Verification approaches for sea-ice analyses and forecasts
- Automated prediction systems

Organization
The workshop will be organized around keynote and contributed presentations with ample time for discussion. As the number of participants is limited, please provide a short abstract (or motivation for attending) in the registration form. As attendees are encouraged to make a contribution, please specify your preference for oral or poster presentation. We appreciate a registration to the workshop not later than 15 June 2017. Participants will be contacted by 15 August 2017 regarding their proposed contribution.

Organizing Committee:
Leif Toudal Pedersen (eolab.dk, IICWG-DAWG, DTU), Laurent Bertino (NERSC), Gilles Garric (MERCATOR OCEAN, ICE-ARC), Frank Kauker (OASys, AWI, ICE-ARC), and Greg Smith (ECCC, PPP, GOV).

Webpage and registration:
https://events.nersc.no/8th-international-workshop-sea-ice-modelling-data-assimilation-and-verification
New publications

The Arctic Monitoring and Assessment Program (AMAP) announces the release of new scientific assessments for climate change in the Arctic, adaptation to Arctic change, and chemicals of emerging Arctic concern.

The release of the scientific assessments took place at the AMAP-organized science conference in Reston, Virginia on 24-27 April 2017.

Available assessments include:
- Snow, Water, Ice, and Permafrost in the Arctic (SWIPA);
- Chemicals of Emerging Arctic Concern;
- Adaptation Actions for a Changing Arctic (AACA) - Barents Area;
- Adaptation Actions for a Changing Arctic (AACA) - Bering/Chukchi/Beaufort Region; and
- Adaptation Actions for a Changing Arctic (AACA) - Baffin Bay/Davis Strait Region.

Additional documents are available for each assessment and may include a press release, a fact sheet, a summary for policy-makers, and scientific background documentation. The SWIPA assessment also includes informational videos.

To access all of the assessments and their associated documents, go to: http://tinyurl.com/AMAP-Assessments.

For more information about AMAP, go to: http://www.amap.no/.

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Tourism and Indigeneity in the Arctic

Edited by: Arvid Viken, Dieter K. Müller
Format: Hardback - 312 pages
Related Formats: PDF EPUB
ISBN: 9781845416096
Published: 31 May 2017
Publisher: Channel View Publications
Dimensions: 234 x 156
Availability: Forthcoming

This is the first book to exclusively address tourism and indigenous peoples in the circumpolar North. It examines how tourism in indigenous communities is influenced by academic and political discourses, and how these communities are influenced by tourism. The volume focuses on the ambivalence relating to tourism as a modern force within ethnic groups who are concerned with maintaining indigenous roots and traditional practices. It seeks to challenge stereotypical understandings of indigenousness and indigeneity and considers conflicting imaginaries of the Arctic and Arctic indigenous tourism. The book contains case studies from Canada, Greenland, Norway, Sweden, Finland and Russia and will be of interest to postgraduate students and researchers of tourism, geography, sociology, cultural studies and anthropology.

For more information and reviews please visit: http://www.channelviewpublications.com/display.asp?isbn=9781845416096

50% discount available until 31st May 2017
To use this discount, visit our site www.channelviewpublications.com and search for the book using the box at the top of the page. Add the book to your basket and use the code PREORDER50 at the checkout to get 50% off the list price.
New publications continued

*Skogsbruk och renskötsel på samma mark - En rättvetenskaplig studie av äganderätten och renskötselrätten.* (Title in English: *Forestry and Reindeer Husbandry on the Same Land - A Legal Study of Land Ownership and Sami Reindeer Herding Rights.*)

**By:** Brännström, Malin

**Utgivare:** Umeå universitet

**Utgivningsår:** 2017

**Språk:** Svenska Engelska

**Format:** 376p.

**Serie:** Skrifter från Juridiska institutionen vid Umeå universitet, ISSN 1404-9198 ; 35

**Abstract:**

In the northern parts of Sweden forestry and Sami reindeer herding are exercised on the same land and there is an ongoing land use dispute between the land users. Land ownership and reindeer herding rights, based on immemorial prescription and customary law, are parallel property rights to the same land. Studies have concluded that the legal framework does not sufficiently reflect the property rights perspective of the land use conflict. This study examines the legal framework that regulates the relationship between forestry and reindeer herding from a property rights perspective. Starting points of the study are basic aspects of property rights, such as the right to use, decide on and benefit economically from property and the legal protection required in relation to others. Comparisons are made with the legal frameworks that regulate other relationships within real estate law, including e.g. neighbors, easements, joint facilities and utility easement.

The study concludes that the relationship between land ownership and reindeer herding rights can be understood only against the background of historical events such as colonization and demarcation. The rights are more independent of each other than other legal relations and can be compared to a double ownership. It is further concluded that the Forestry Act is based on the assumption that reindeer herding is primarily a public interest that needs protection. Land owners have a far-reaching right to use forests that causes damages to reindeer pasture lands that is not in accordance with the legal nature of the reindeer herding right. Further, central elements usually used to regulate property rights relations are missing, e.g. mutual consideration, damages and judicial review.

The study also examines if the legal framework is in accordance with the constitutional protection of property in Chapter 2 Section 15 of the constitutional Instrument of Government and Article 1 of the First Protocol to the European Convention on Human Rights. It is concluded that the legal framework has several deficiencies in this respect. Elements are discussed that can be implemented in law to appropriately reflect the property rights studied.

**FULLTEXT DiVA**

Malin Brännström, Juridiska institutionen försvarar sin avhandling med den svenska titeln: *Skogsbruk och renskötsel på samma mark - En rättvetenskaplig studie av äganderätten och renskötselrätten.* (Engelsk titel: *Forestry and Reindeer Husbandry on the Same Land - A Legal Study of Land Ownership and Sami Reindeer Herding Rights.*)

**Faculty Opponent:** Prof. Annina H Persson, Institutionen för juridik, psykologi och socialt arbete, Örebro universitet

**Date:** 2017-05-12

**Time:** 10.15 - 12.00

**Venue:** Samhällsvetarhuset, Hörsal B
New publications continued

**Heritage and Change in the Arctic: Resources for the Present – and the Future.**

**Edited by:** Robert Chr. Thomsen and Lill Rastad Bjørst

**Pages:** 242

**Released:** 2017

**Edition:** 1. edition

**ISBN:** 978-87-7112-624-2

In Heritage and Change in the Arctic scholars from the social and human sciences explore change and transformation from two resource-inspired angles: it keeps a constant focus on the impact of change on tangible and intangible heritage, as well as on some of the cultural and social heritage features that must themselves be considered as resources in an environment characterised by change.

With contributions from Suna Christensen, Karina M. Smed, Dag Avango, Peder Roberts, Karen Langgård and more.

Read more [here](#).

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**National Identity Politics and Postcolonial Sovereignty Games Greenland, Denmark, and the European Union**

**By:** Ulrik Pram Gad

**Released:** 2017,

**Format:** 152 pp., pb.

**ISBN:** 978-87-635-4502-0

In National Identity Politics and Postcolonial Sovereignty Games Ulrik Pram Had presents a discourse analysis to determine the core concepts of Danish and Greenlandic identity; a reading of political debates as identity politics; interviews with key actors; and analysis of legal texts as a frozen outcome of various sovereignty games in order to explore the challenges and possibilities in Greenland’s path to independence. The book concludes with a series of scenarios for the slow motion decolonization of Greenland.

Read more [here](#).
Open positions

Postdoctoral Scientist

Code: 67/D/RZ

Faculty: Science

Job type: Full time

Location: Bremerhaven

The Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) is a member of the Helmholtz Association (HGF) and funded by federal and state government. AWI focuses on polar and marine research in a variety of disciplines such as biology, oceanography, geology, geochemistry and geophysics thus allowing multidisciplinary approaches to scientific goals.

The working group Scientific Computing at the Alfred Wegener Institute in Bremerhaven, Germany, invites applications for the position of a Postdoctoral Scientist

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Postdoctoral Scientist

to perform research into coupled Earth system data assimilation as part of the research project “Advanced Earth System Modelling Capacity” (ESM) of the Helmholtz Association——Germany’s largest research organization.

Background and tasks:

ESM is a cooperative project involving 8 research centers of the Helmholtz Association——Germany’s largest research organization—with the goal to advance Earth system modelling capacity. Related work at the Alfred Wegener Institute builds on the AWI Climate Model (AWI-CM), a coupled atmosphere-sea ice-ocean model employing unstructured meshes for the ocean-sea ice component. The work package on data assimilation aims at developing methods for simultaneously assimilating observations of both the ocean and the atmosphere, using the Parallel Data Assimilation Framework (PDAF) developed at AWI. Particular foci are on cross-compartment assimilation, that is, the influence of the data assimilation in one compartment on the other compartment(s), and on properly accounting for the different atmospheric and oceanic time scales.

We are searching for an enthusiastic postdoctoral researcher with strong interest in Earth system modeling and data assimilation. The postdoc will join the data assimilation team at AWI, which has strong experience in data assimilation from the development and application of PDAF. In this context, strong collaboration with the Climate Dynamics section (Prof. Dr. Thomas Jung and Dr. Helge Goessling) is envisaged.

The tasks of the postdoc will be as follows: Couple the data assimilation component with the AWI-CM; implement the routines that handle the assimilated observations; and study the data assimilation impact on the coupled model by performing data assimilation experiments on high-performance computers. Further tasks of the postdoc will be the publication of the research results in scientific journals and their presentation at international conferences.

Requirements:

The candidate should hold a PhD in ocean or atmospheric sciences, applied mathematics, physics or a related discipline. Experience in at least one of the fields of ensemble data assimilation or numerical ocean, atmosphere or Earth system modeling is required. Further requirements include experience in Fortran programming, parallelization with MPI, and effectively using Unix/Linux computer environments. We expect excellent knowledge of English and very good skills to work in a team of scientists.

For further information please contact Dr. Lars Nerger (+49-471-48311558, lars.nerger(at)awi.de) or Dr. Helge Goessling (+49-471-48311877, helge.goessling(at)awi.de).

The position is limited to 3 years with the earliest starting date June 1st, 2017. The salary will be paid in accordance with the German Tarifvertrag des öffentlichen Dienstes (TVöD Bund) up to salary group 13, based on qualifications and transferred tasks. The place of employment will be Bremerhaven.

We offer you a multi-disciplinary, international, and fascinating professional environment with flexible working hours, state-of-the-art research equipment, and a first-rate infrastructure.

AWI aims to increase the number of women in the scientific staff and therefore encourages women to apply. Disabled applicants will be given preference when equal qualifications are present. The AWI fosters the compatibility of work and family through various means. Because of our engagement in the area of work-life compatibility we have been awarded the certificate “Career and Family”.

Please forward your applications with the standard documentation (letter of motivation, CV, a statement of research interests and degree certificates) by May 18th, 2017 referencing code 67/D/RZ to: Alfred-Wegener-Institut für Polar- und Meeresforschung, Personalabteilung (human resources), Postfach 12 01 61, 27515 Bremerhaven/Germany or by e-mail (all documents merged into one PDF file) to: personal@awi.de
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 Lars at lars.oberg@umu.se or Linus at linus.lundström@umu.se.

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