FROM THE DIRECTOR

One of the largest Arctic science events is the Arctic Circle annually arranged in Reykjavik in October. It was initiated by the former Icelandic president Olafur Ragnar Grimsson who continues to take a lead. The participants is an interesting mix of researchers, business people, decision-makers, and students. This year we were almost 2,000, and as usual the organizers had invited some prominent speakers such as Nicola Sturgeon and John Holden. There was a strong focus on climate change, marine research and energy but the balance between natural and social sciences was good. This is definitely a place to be if you want to catch up with the recent advantages of arctic research. Therefor it was disappointing to see that so few Swedish researchers were present, as far as I could count not more than a dozen. If Sweden is serious with its Arctic ambitions there is a need for a more active engagement in important conferences like the Arctic Circle.

The Arctic Year at Umeå University has been an excellent way to promote and highlight all the interesting research that takes place here. This weekend it is time to present the birthday present to His Majesty the King Carl XVI Gustaf which is an Arctic seminar with three successful researchers: John Anderson, who holds the Royal Professorship in Environmental Science 2017-18, and Ellen Dorrepaal and Jonathan Klaminder, both researchers at the Department of Ecology and Environmental Science. Read more at page 7 in this newsletter.

We all know that funding is an important aspect of research. One of the most important funders is the European Union. The present project calls of Horizon 2020 offers some opportunities for Arctic research but it is evident that the EU will increase its efforts. In September I participated in a five days gathering in the mountains north of Madrid where 50 researchers and policy makers worked with the production of five white papers to be addressed to the European Commission, and hopefully building the foundation for the forthcoming calls within the Framework 9 program. It was intensive days but when we left on Friday afternoon we were all happy and convinced that the outcome of our work was good. One observation is that the UN Sustainability Goals will play an important role in the design of forthcoming Arctic research projects, which rhymes well with the intentions of the Finnish chairmanship of the Arctic Council.

In my world there are almost no boundaries of Arctic research. All disciplines, more or less, have an opportunity to find ways to contribute. Two excellent examples of new entries in Arcum activities is the discussions we have had with police work researchers and the participation in the astrobiology conference arranged by Natuschka Lee. I am looking forward to more.

Peter Sköld, director Arcum
September 17-18 Arcum board and staff gathered at Abisko Scientific Research Station (Abisko Naturvetenskapliga Station - ANS) for board meeting and excursions. Umeå University Vice Chancellor Hans Adolfsson joined and also participated in meetings and excursions.

The station is located approximately 200 kilometres north of the Arctic Circle (68°21'N, 18°49'E) and has since the beginning of the 20th century attracted researchers conducting ecological, geological, geomorphological and meteorological research in subarctic environments. ANS has 500-600 researchers visiting every year from around the world. Since 1913, data on climate, snow depth, ice thickness, etc. have been collected. Environmental monitoring also includes hydrology, water chemistry, flora and fauna, including phenology, geomagnetism and carbon dioxide composition in the air.

ANS provides 18 laboratories, computer rooms, library, study rooms, workshops, meteorological observatory, lecture halls and experimental gardens. There is room for 100 visiting researchers at the same time. Furthermore, the research station is used for teaching, conferences and other scientific gatherings. Since 1996 the Umeå University unit Climate Impacts Research Centre – CIRC operates at ANS and conducts most of its research at the facility. Abisko Scientific Research Station is managed by The Swedish Polar Secretariat.

Climate Impacts Research Centre - CIRC
CIRC conducts interdisciplinary research from detailed process-level studies to comprehensive landscape-level studies in both aquatic and terrestrial Arctic ecosystems. Communicates their research to the scientific community, the public and policy makers focusing on increasing their knowledge about climate and environmental change related impacts on Arctic environments. CIRC provides a scientific platform for research, teaching and public outreach in Abisko, serving a key role in Umeå University’s activities in the Arctic.

Head of CIRC: Jan Karlsson, professor at the Department of Ecology and Environmental Sciences (EMG) at Umeå University.

For more information: https://www.arcticcirc.net/

Jan Karlsson, professor at the Department of Ecology and Environmental Sciences (EMG) at Umeå University and also head of CIRC, introduced ANS to the Arcum board and staff and gave a tour around the facilities and explained research practices at the station. In addition Jan Karlsson held a presentation on current research projects and activities. ANS is an arena for researchers to meet and present research and new projects. This year the Arctic Days, held in June, included excursions, hikes, and popular science talks. The CIRC Annual Autumn Science Symposium was held in late September and gathered both national and international researchers.

CIRC provides a number of scientific courses on site with an Arctic theme;
- Arctic Geocoeology 15 Credit Master level
- Arctic Ecosystems 15 Credit Master level
- Fjällökologi Grundkurs 5 Credit
- Fjällökologi 15 Credit Bachelor level
Arcum board and staff on excursion to Abisko - continued
By Gabriella Nordin

One of the primary interests for us at Arcum was to get a better idea of the research at ANS. EMG/CIRC researcher Ellen Dorrepaal invited us to one of the locations where they conduct tests and collects samples for their research. On this specific field, they did research on the depth of permafrost and the impact of snow depth to permafrost and vegetation.

The two day excursion to Abisko was arranged by Arcum board member Reiner Giesler, professor at EMG and researcher at ANS.

Arcum Board
The Arcum board consists of representatives from all four Umeå University faculties, two student representatives, one representative from the Swedish University of Agricultural Sciences and the Director at the Swedish Polar Secretariat. The student representatives are nominated by the Student Unions. The current Board’s term of office runs 2015-01-01-2017-12-31.

Professor Dieter K. Müller (Chair)
Professor Reiner Giesler, Faculty of Sciences and Technology
Professor Ulf Näslund, Faculty of Medicine
Professor Anna Zachrisson, Faculty of Social Sciences
Professor Heidi Hansson, Faculty of Arts
Professor Göran Ericsson, Swedish University of Agricultural Sciences
Director at Swedish Polar Research Secretariat Björn Dahlbäck (Vice Chair)
Ph D student Johan Junkka, Student representative
Ph D student Maria Furberg, Student representative

The Swedish Polar Research Secretariat
Is a government agency mandated to co-ordinate and promote Swedish polar research. The agency’s primary mission is to organise and support research expeditions to the polar regions and manage research infrastructure. The Secretariat also helps to create favourable conditions for polar research that does not involve fieldwork.

The Swedish Polar Research Secretariat has about 30 employees engaged in research planning, research infrastructure, communication and administration. The Secretariat provides expertise and raises awareness of polar regions and polar research in order to advance high quality polar research and the dissemination and use of research findings in society. The Secretariat is also involved in international negotiations and partner-ships, among else led by the Swedish Ministry for Foreign Affairs.

The Polar Research Secretariat will move from Stockholm to Luleå.

Head of The Swedish Polar Research Secretariat:
Björn Dahlbäck

For more information: https://polar.se/
23 delegates from Umeå University participated in the Joint Arctic Agenda (JAA) workshop at Luleå University of Technology in September 2017.

On September 13 the delegation from Umeå University set off to Luleå to meet and discuss potential future cooperation between the five Universities included in the newly formed JAA.

Background
The University of Oulu and the University of Lapland from Finland, Luleå University of Technology (LTU) from Sweden, and The Arctic University of Norway (UIT) announced a joint Arctic agenda during the Arctic Europe Forum held in Oulu, Finland, on September 8, 2016. Umeå University informally joined in spring 2017. The formal signing of documents between JAA and Umeå University will take place at the Arctic Spirit 2017 conference held in Rovaniemi, November 14-16 2017.

Joint Arctic Agenda Workshop, Luleå September 13-14, 2017
The second JAA workshop arranged in Luleå by LTU attracted 75 participants from the five member universities. First session involved applications and funding opportunities presented by the Grants Office at LTU. Peter Sköld presented an overview of the proposed Nordforsk application ARCTIC Five – A Nordic University Hub which was submitted in May 2017 and is currently evaluated – fingers crossed for it to come through!

At this stage, there are six thematic groups included in JAA. The groups were formed at the first JAA workshop and again gathered for structured group work for identification and development of potential areas of synergetic collaboration. For three of the groups this was a first opportunity to meet and thus their

The next JAA meeting is planned for Spring 2018 and the main object of the meeting is to gather what has been done already on the two intital workshops and to present the thematic groups’ outcomes of the cooperation in between the meetings.

Joint Arctic Agenda organization and themes
The JAA is governed by a steering committee with delegates from all five JAA universities.

Current JAA thematic groups:
- Mining
- Renewable Energy and Environmental Challenges
- Well-being in the Arctic
- Education
- Regional Development and Tourism
- Sami/Indigenous issues

The JAA steering committee welcomes new themes!
Umeå Arctic Forum 12 December 2017

To celebrate the fifth anniversary of the Arcum inauguration we are proud to present the first Umeå Arctic Forum. As affiliated to Arcum you are invited to take part of the forum. The forum as well as lunch and dinner are complementary. As the number of participants is limited please register to Gabriella Nordin at gabriella.nordin@umu.se no later than November 30.

Preliminary programme

12 December 2017, 10.00-17.30
Sliperiet, Arts Campus
Moderators: Dieter Müller and Peter Skölöd

10.00-10.45 Welcome – Hans Adolfsson, Vice Chancellor at Umeå University
Arcum: 5 years in retrospect – Peter Skölöd, Executive director at Arcum
Arcum Researchers Film

10.45-11.45 POLICY PANEL
Maria Stenberg, Region Norrbotten
Björn Lyrvall, Senior Arctic Official of Sweden
Lars Lustig, Länråd Västerbotten
Mikael Janson, North Sweden

11.45-13.00 LUNCH

13.00-14.00 REGIONAL DEVELOPMENT PANEL
Carina Keskitalo, Department of Geography and Economic History, Umeå University
Dieter Müller, Department of Geography and Economic History, Umeå University
Doris Carson, Department of Geography and Economic History, Umeå University
Runar Brännlund, Umeå School of Business and Economics (USBE)
Lars Westin, Centre for Regional Science at Umeå University

14.00-15.00 NATURAL RESOURCES PANEL
Linda Nyström, Chief of operations Skogsklustret
Lennart Gustavsson, Chairman, Georange
Malin Brännström, Researcher at Department of Law, Umeå University
Camilla Bondareva, Swedish Lapland Visitors Board
Linda Gardeström, Project leader at Biosfärområde Vindelälven-Juhtatdahka (TBC)

15.00-15.30 COFFEE

15.30-16.30 CLIMATE CHANGE PANEL
Per Axelsson, Centre for Sami Research (Cesam) - Vaartoe, Umeå University
Maria Furberg, Department of Clinical Microbiology, Umeå University
Keith Larson, CIRC and Department of Ecology and Environmental Sciences at Umeå University
Tim Horstkotte, Department of Ecology and Environmental Sciences, Umeå University

16.30-16.45 CLOSURE

16.45-17.30 Mingle

17.30 DINNER AT HANSSON & HAMMAR
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 Autumn 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 Fall we present a slimmed seminar schedule due to Vetenskapsluncher with an Arctic theme as well as Umeå Arctic Forum December 12. At the Annual Celebration 2017 there will be a seminar to honour H.M King Carl Gustav. The seminar have an Arctic theme and will be held in Humanisthuset October 21 at 14:00 to 15:00. For more information, please see page 7 and the University Calendar.

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.

Thursday November 9
Thierry Rodon, associate professor at at Political Science Department at Université Laval, Canada, will hold a talk on Indigenous policies in Canada: from colonization and reconciliation? Please note: this seminar is held November 9 at 10:00 to 12:00 at Norra Beteendevetarhuset, 4th floor.

Friday November 10
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”

Tuesday December 12
Umeå Arctic Forum, for information and programme please see page 5.

WELCOME!
Vetenskapsluncher hösten 2017: Tema Arktis


Program hösten 2017

19/10 Mitt på ljusa natten – representation av Sápmi i svenska och franska tidningsartiklar om TV-serien Midnatts-sol
Florence Sisask, fransk litteratur och språk

26/10 Hopp, ilska och uppgivenhet – känslor i samhällsomvandlingens Kiruna
Malin Rönnblom, statsvetenskap/genusvetenskap

9/11 Vem eller vad styr utvecklingen i Arktis?
Niklas Eklund, statsvetenskap

16/11 Arktis, en skådeplats för rymden
Asta Pellinen, rymdfysik

23/11 Kall om händerna – det kan bero på jobbet
Jens Wahlström, folkhälsa och klinisk medicin

30/11 En historia blott? Vattenkraftbyggnadens konsekvenser i Sápmi
Åsa Össbo, historia

Föreläsningarna sänds också live och kan ses i efterhand på umu.se.

ARCTIC SEMINAR IN HONOUR OF H.M THE KING

On October 21 there will be an ARCTIC SEMINAR IN HONOUR OF H.M THE KING. Please see enclosed programme, further information in link below.

Time: Saturday 21 October, 14:00–15:00
Place: the Humanities Building, lecture hall G
Moderator: Dieter Müller, professor and Deputy Vice-Chancellor of Umeå University

The seminar is held in English.

14:00 Welcome
Hans Adolfsson, Vice-Chancellor of Umeå University

14:05 Setting Arctic Environmental Change in a Global Context
John Anderson, professor at Loughborough University, England, visiting professor at Umeå University, and holder of the HM King Carl XVI Gustaf Professorship of Environmental Science 2017-18 at Umeå University

14:30 Cryoecology: How Arctic Ecosystems Matter for Our Changing Climate
Ellen Dorrepaal, senior lecturer, Department of Ecology and Environmental Science at Umeå University.

14:45 Worming of the Arctic
Jonatan Klaminder, senior lecturer, Department of Ecology and Environmental Science at Umeå University.

15:00 Closing

For more information, please visit: http://www.umu.se/english/about-umu/news-events/arctic-seminar-2017

The seminar will be broadcasted live on the following link: http://www.umu.se/om-universitetet/aktuellt/live/
Reminder: Call for funding from Arcum Strategic Resources Autumn 2017

According to decision by the Arcum Board affiliated researchers are entitled to apply for funding from the strategic resources. 2017 has two calls, during Spring and Autumn with deadlines 28 April and 24 November respectively.

For 2017 a total of SEK 200 000 are available for strategic purposes. The aim is to co-fund activities. Maximum amounts to apply for are SEK 20 000 for scientific arrangements, SEK 10 000 for travelling, SEK 10 000 kronor for invitations, and SEK 5 000 publishing. The activity must be of relevance for Arctic research.

PhD students and early-career researchers (PhD within last five years) are prioritised, as are those who have not received funding previously. Participating in Arcum seminars and events is advantageous. 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 which are available at the Arcum website.

For more information on the call please contact Peter Sköld (peter.skold@umu.se) or Gabriella Nordin (gabriella.nordin@umu.se)

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Arcum affiliated researchers awarded by Kungl. Skytteanska Samfundet

Arcum affiliated researchers will be awarded by Kungl. Skytteanska Samfundet. The prize winners Virginia Langum and David Seekell will receive their awards at the Annual Celebration 2017 at Umeå University on October 21, 2017.

Virginia Langum is senior lecturer and associated professor at the Department of Language Studies at Umeå University.

David Seekell is senior lecturer and associated professor at the Department of Ecology and Environmental Sciences at Umeå University.
Upcoming conferences and workshops

Arctic Frontiers Science 2018 - Call for papers


Connecting the Arctic
In a world of increasing turmoil the Arctic is still a place for collaboration and peaceful communication. In maintaining peaceful relations across borders in the north the encompassing science collaboration has been particularly important. The vast ocean that represents the bulk of the arctic area carries large potentials, but also threats. As increasingly larger parts of it will be utilized, how do we communicate and conduct search and rescue. And more importantly, how do we secure productive and healthy oceans. Sustainable development of the ocean is of particular importance in this matter. Sustainable business development is also key in securing resilient arctic societies. Connecting these societies together and closer to the rest of the world’s ideas, knowledge, technology and capital is an issue of special importance at Arctic Frontiers Policy in 2018.

Arctic Frontiers Science 2018 takes place Tuesday 23 January until Thursday 25 January 2018 and will address the following topics:

- Aquaculture in the High North in times of change
- The New Arctic in the Global Context
- Resilient Arctic Societies and Industrial Development
- Circumpolar Safety, Search and Rescue Collaboration

You can read more about each topic at the Arctic Frontiers website.

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 topics.

Abstract submission terms and conditions
Abstract submission closes on Tuesday 19 September 2017, 23:59, European time.

By submitting an abstract to Arctic Frontiers, you agree to the following:

- The author is responsible for the accuracy of the abstract.
- The acceptance of an abstract for Arctic Frontiers does not imply provision of travel, accommodation or registration fee for the Arctic Frontiers conference, nor any other costs associated with preparation or presentation of the abstract will be covered by the conference.
- At least one author will be available to present the abstract (oral or poster format) if selected for the program. The authors will immediately notify the Arctic Frontiers conference secretariat if they are unable to present an abstract or if the presenting author is changed.
- All presenting authors at the Arctic Frontiers conference must register and pay to attend.
- You give us permission to publish your abstract submission on the Arctic Frontiers conference website and in the book of abstracts, also published online.
- You confirm that the submission has been approved by all co-authors.

All abstracts must be submitted in English and via the online submission site. Other forms of submission e.g. by post, email or fax will not be accepted.

The abstract will be reviewed by members of the Scientific Committees and the Committee’s decision is final.

Submission form
Upcoming conferences and workshops continued

Polar2018 - Call for papers

POLAR2018 is a joint event from the Scientific Committee on Antarctic Research SCAR and the International Arctic Science Committee IASC. The SCAR meetings, the ASSW and the Open Science Conference will be hosted by the Swiss Federal Institute for Forest, Snow and Landscape Research WSL under the patronage of the Swiss Committee on Polar and High Altitude Research. The WSL Institute for Snow and Avalanche Research SLF is organising POLAR2018, which will take place in Davos, Switzerland from 15 - 26 June 2018.

Call for Papers
The Scientific Committee on Antarctic Research SCAR and the International Arctic Science Committee IASC invite the international polar and high altitude community to submit abstracts for the Open Science Conference OSC at POLAR2018 in Davos, Switzerland.

The goal of POLAR2018 is to bring together excellent research from both poles, as well as from high altitude areas, focusing on the similar challenges those regions face. The program features 65 sessions, structured into 12 categories. In addition to the parallel sessions, central elements of the OSC will be keynote presentations, mini-symposia, extended poster sessions and exhibitions. The annual COMNAP symposium will be held during the OSC, as well as a plenary lecture from the 2018 Arctic Observing Summit as an opening to this biennial summit immediately after the OSC.

The organizing committee strongly encourages session topics that encapsulate research conducted in both the Arctic and Antarctic.

We also encourage including early career scientists as conveners and encourage diversity regarding conveners’ nationalities, gender, and where possible, indigenous peoples.

General Information

Abstract submission is open from 1 September to 1 November 2017, 6pm CET.

- You may submit as many abstracts as you like, but only two with a preference for oral presentation.
- There is an abstract submission fee of 30 CHF per abstract, which will be charged to your credit card.
- Before entering your abstract you will be asked to choose a session. Read through the session descriptions to find the best match.
- Make sure to read the submission guidelines before starting the submission process.
- A limited number of abstract submission fee waivers will be available (application details).

Submission guidelines

Submit an abstract

For more information - please visit conference website at www.polar2018.org
The University of Oulu and the University of Helsinki are excited to invite you to the second UArctic Congress, September 3-7, 2018.

**Key dates:**
- **Call for Session proposals** - October 15, 2017
- **Session selection** - mid-December, 2017
- **Call for Abstracts** - from January to end of March, 2018
- **Congress Registration opens** - spring 2018
- **Requests for Visa invitations** - spring 2018

Held in Finland, the UArctic Congress 2018 will begin in Oulu from September 3-6, and conclude in Helsinki on September 7.

The UArctic Congress 2018 will bring together key UArctic meetings and a science conference into one single gathering, including business meetings of the Council of UArctic, Rectors’ Forum, Student Forum, and Thematic Networks & UArctic Institutes Leadership Team.

The Congress is an integral part of Finland’s Arctic Council chairmanship program, and open to the public. The event will highlight the themes and priorities of the Finnish chairmanship, including the goals of the United Nations’ 2030 Agenda for Sustainable Development, supporting gender equality, and the Paris Agreement under the UN Framework Convention on Climate Change.

With the aim to foster contacts and enhance networking, the biennial UArctic Congress brings together institutional leaders, indigenous representatives, academics, scientists and students from around the circumpolar north and beyond. Together with partners, policy makers, and other actors, the Congress strives to take the Arctic agenda forward by creating and strengthening collaborations that produce new findings and solutions for the future of the Arctic region.

The UArctic Congress 2018 will feature Science and Meeting sections, including:
- Sessions aligned with the four priorities of Finland’s chairmanship; i.e. Environmental protection, Connectivity, Environmental cooperation, and Education.
- Acclaimed keynote speakers and scientific experts presenting their views and latest research.
- Formal meetings for representatives of the Council of UArctic and UArctic Rectors’ Forum.
- Side-meetings and events.
- Student events.
- An exciting cultural and social program.

Mark your calendar and keep yourself informed via the UArctic Congress 2018 webpages and our social media feeds.
New publications

**Title:** Footprints in the Snow. The Long History of Arctic Finland

**Author:** Maria Lähteenmäki

Prime Minister’s Office


Helsinki 2017

Prime Minister’s Office Publications 12/2017

Finland’s geographical location and its history in the north of Europe, mainly between the latitudes 60 and 70 degrees north, give the clearest description of its Arctic status and nature. Viewed from the perspective of several hundred years of history, the Arctic character and Northernness have never been recorded in the development plans or government programmes for the area that later became known as Finland in as much detail as they were in Finland’s Arctic Strategy published in 2010. As a consequence of international geopolitical and economic turns Finland has also moved closer to the Arctic. At the same time, Finns have gradually accepted Northernness as part of their regional and national identity. The work presents and evaluates Finland’s Northern nature over a long historical time span. The texts focus on how Northernness has been seen, on the one hand in scientific work, and on the other in political speeches and practices. Finland, which will have been independent for one hundred years in 2017, wants to be an active operator in the Arctic region. It is looking to the North for growth, competitiveness and employment while respecting the Arctic environment. The writers of this reference book are experts in Northernness in their respective fields and come from different universities and central government.

Download fulltext at: [https://julkaisut.valtioneuvosto.fi/bitstream/handle/10024/80043/VNK_J1217_Footprints%20in%20the%20snow_net.pdf?sequence=1](https://julkaisut.valtioneuvosto.fi/bitstream/handle/10024/80043/VNK_J1217_Footprints%20in%20the%20snow_net.pdf?sequence=1)

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**The Wilson Quarterly Summer 2017; Into the Arctic**

No longer blockaded by impenetrable ice, the Arctic of today is a hotspot of environmental, cultural, economic, and geopolitical dynamics. Welcome to the modern, global Arctic – a region experiencing unprecedented change. In the latest Quarterly, Arcum affiliated researcher Douglas Nord contributes with one article.

**Contents:**

- Michael Sfraga, *The Arctic, from Romance to Reality*
- The Wilson Quarterly, *Languages of the Arctic*
- Jeremy T. Mathis, *Darkness Falls in the Arctic*
- Sherri Goodman, *Changing Climates for Arctic Security*
- Alexander Sergunin, *Is Russia Going Hard or Soft in the Arctic?*
- Ross A. Virginia, *The Arctic Environment in the Age of Man*
- Tero Vauraste, *An Investment Model for the Arctic*
- Douglas Nord, *The Challenge of Arctic Governance*
- Lawson W. Brigham, *The Arctic Waterway to Russia’s Economic Future*

For full text, please follow link: [https://wilsonquarterly.com/quarterly/into-the-arctic/](https://wilsonquarterly.com/quarterly/into-the-arctic/)
New publications continued

**Title:** Arcticness: Power and Voice from the North  
**Author:** Ilan Kelman  
**Format:** 234x156mm  
**Open Access PDF**  
**ISBN:** 978-1-78735-013-7  
**Pages:** 160  
**About the book**

Climate change and globalisation are opening up the Arctic for exploitation by the world – or so we are told. But what about the views, interests, and needs of the peoples who live in the region? What about the myriad of other factors affecting the Arctic and its peoples? This book explores opportunities and limitations in engaging with the Arctic under change, and the Arctic peoples experiencing the change, through the lens of understanding Arcticness: what the Arctic means to Arctic peoples socially and physically. The chapters bring together a variety of disciplines, such as law, politics, geography and the arts, to examine what Arctic peoples could learn from and teach elsewhere, across disciplines and across locations. The authors reflect on philosophies of change in tandem with philosophies of the Arctic, particularly as represented by everyday experiences, memories and geographical imaginations.

**About the author**

Ilan Kelman is Reader in Risk, Resilience and Global Health at UCL and a researcher at the University of Agder, Kristiansand, Norway. His overall research interest is linking disasters and health, including the integration of climate change into disaster research and health research. Find out more about his research at [www.ilankelman.org](http://www.ilankelman.org) and on Twitter at @IlanKelman.

**Free download:**

[http://discovery.ucl.ac.uk/1569356/1/Arcticness.pdf](http://discovery.ucl.ac.uk/1569356/1/Arcticness.pdf)

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**Title:** Arctic Yearbook 2017—Change & Innovation in the Arctic: Policy, Society & Environment  
**Eds.:** Heather Exner-Pirot, Lassi Heininen & Joël Plouffe  
**Published:** October 12 2017

The Arctic Yearbook is the outcome of the Northern Research Forum and the University of the Arctic Thematic Network (TN) on Geopolitics and Security. The TN also organizes the annual Calotte Academy.

The Arctic Yearbook seeks to be the preeminent repository of critical analysis on the Arctic region, with a mandate to inform observers about the state of Arctic politics, governance and security. It is an international and interdisciplinary double-blind peer-reviewed publication, published online at [www.arcticyearbook.com](http://www.arcticyearbook.com) to ensure wide distribution and accessibility to a variety of stakeholders and observers. The Arctic Yearbook is open access. Readers may download, distribute, photocopy, cite or excerpt this Arctic Yearbook material provided it is properly and fully credited and not used for commercial purposes.

Arctic Yearbook material is obtained through a combination of invited contributions and an open call for papers. There are no author fees. For more information on contributing to the Arctic Yearbook, or participating in the UArctic TN on Geopolitics and Security, contact the Editor, Lassi Heininen.

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[Download full text](http://discovery.ucl.ac.uk/1569356/1/Arcticness.pdf)
Open Calls

Northern Periphery and Arctic Programme:
Fifth Call is Now Open

The Fifth Call for main project applications is open from 1st October 2017 to 28th February 2018, for all 4 Priority Axes. However, Terms of Reference have been formulated encouraging applicants to address specific actions, target groups, and sectors. The Monitoring Committee will decide on Fifth Call applications on 13th June 2018.

Details about the call including the Terms of Reference can be found in the Fifth Call Announcement, which applicants must read carefully.

Applications must be submitted through an electronic monitoring system (eMS), which is available on the link: ems.interreg-npa.eu. The application pack with all necessary supporting documents can be found on the Fifth Call page and in eMS.

Guidance for applicants
Applicants are encouraged to study the Programme Manual for a description of the Priority Axes, instructions for how to apply and the NPA eligibility rules. This and all other application documents can be found in the right-hand column.

How to Apply Seminars
How to Apply Seminars will be organised on 23rd November 2017 and 18th January 2018 in Copenhagen at the offices of the Joint Secretariat. These seminars will offer technical sessions on the application form, budget and partnership. The seminars will be conducted as a combination of the presentation of factual material and on-line eMS tutorials. Registration is open and space is limited to one person per project application. Register here

Preparatory project call
The call is ongoing, which means that applications can be submitted at any time. Preparatory Project decisions will be made by the Joint Secretariat. The approval process takes approximately 1 month from submission. Preparatory project idea developers are encouraged to aim the end date of their preparatory projects to coincide with the Fifth Call deadline. See the preparatory project call page for further details and instructions.

Further information
If you are interested in applying, we recommend that you are in touch with the Regional Contact Point in your region. Alternatively, you can contact Christopher Parker at the Joint Secretariat, christopher.parker@interreg-npa.eu.
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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#umeauniversitet