

## Development of the UK-Russia Arctic Research and collaboration Network Final conference

The conference is a concluding event in a round of joint workshops within the project uniting British, Russian and international scholars on interdisciplinary arctic research. The final conference in Arkhangelsk will bring into discussion comprehensive questions of climate change, environmental impact assessment, mitigation and adaptation strategies; coastal and marine biology, arctic ecosystems biodiversity; rural health and wellbeing in the North, new health care technologies; history, archaeology and cultural geography of Arctic and Subarctic coastal regions; anthropology in the North from the perspective of traditional population and indigenous peoples in urban and rural areas.

The selected conference themes are based on matchmaking of research priorities in the light of national arctic strategies in the Russian Federation and the UK. The conference provides opportunities for advanced discussions on arctic research agenda and further collaboration prospects, including activities within the University of the Arctic (UARctic).

<b>Dates:</b>	<b>March 1st – 3rd, 2018</b>
<b>Venue:</b>	Northern (Arctic) Federal University, Northern Dvina Embankment., 17
<b>Language:</b>	English, Russian
<b>Organizers:</b>	University of the Arctic (UARctic) Research Office in Arkhangelsk Northern (Arctic) Federal University
<b>February 28th, Wednesday</b>	
<b>Arrival</b>	Transfer from the airport
<b>Accommodation</b>	Hotel “Stolitsa Pomorya”: Northern Dvina Emb. 88, tel. +7 (8182) 42-35-75 Hotels “Severnitsa”: Northern Dvina Emb. 32, tel. +7(8182)69-70-00 Hotel “Admiral”: Northern Dvina Emb. 32, tel. +7 (8182) 69-09-99
<b>March 1st, Thursday</b>	
<b>Session 1. Climate change, environmental impact assessment, mitigation and adaptation strategies</b>	
Chair – James Ford, Professor and Chair in Climate Adaptation, Priestley International Centre for Climate, University of Leeds	
<b>Venue: NARFU central building, room 1220</b>	
<b>09.00-13.00</b>	
The Arctic plays an important role in a global climate system. The region is a key area of understanding climate change and its local and global impact. At the session comprehensive research results are to be presented including climate change modeling, climate data analysis, integrated perspectives with regard to future of arctic sea ice, dynamics of CO <sub>2</sub> as well as implications for economic, industrial and societal development, including oil spill response capabilities and challenges for sustainable development of the region.	
<b>09:00</b>	Introduction by the Chair
	<b>Comparing the first and the current warming in the Arctic on example of Svalbard</b> <u>Boris Ivanov</u> , PhD Senior Scientist, Arctic and Antarctic Research Institute

	Assistant Professor, Saint-Petersburg State University
	<b>Siberian Network for the Study of Environmental Changes" (SecNET)</b> <u>Tatiana Kolesnikova</u> SecNet Manager, National Research Tomsk State University
	<b>Seasonal dynamics of soil CO2 effluxes in the Siberian boreal forests: response to the changes in meteorological conditions</b> <u>Anastasia Makhnykina</u> , PhD student Assistant, Biogeochemistry of ecosystems Laboratory, Siberian Federal University
	<b>Technology of subglacial cleaning of bottom sediments from oil and petroleum products in the Arctic</b> <u>Danil Vorobiev</u> , Doctor of Sc. (Biology) Director of Biological Institute, National Research Tomsk State University
	<b>Legal tools of public participation in ecological decision-making</b> <u>Marina Nenasheva</u> , PhD Associate Professor, Northern (Arctic) Federal University
	<b>Kola Science Centre RAS Arctic research</b> <u>Vladimir Masloboev</u> , Doctor of Science (Technology) Vice-Chairman, Kola Science Centre RAS Director, Institute of the Industrial Ecology Problems in the North
	<b>Climate change issues and regional development strategies</b> <u>Elena Klyuchnikova</u> , PhD Head of International Relations Department, Institute of Industrial Ecology problems in the North, Kola Science Centre RAS
	<b>Environmental impact evaluation of the power enterprises in the Arctic</b> <u>Oksana Kalinicheva</u> , PhD Assistant Professor, Northern (Arctic) Federal University
	<b>Aeroschup – a mobile complex for assessing and mapping of oil-contaminated bottom sediments</b> <u>Andrey Trifonov</u> Engineer, Laboratory of Biogeochemical and Remote Methods of Environmental Monitoring, National Research Tomsk State University
	<b>Russian Arctic National Park</b> <u>Alexander Kirilov</u> Director, Russian Arctic National Park
	<b>Geoinformation assessment of the natural complexes' stability to recreational anthropogenic impact in the high-latitude Arctic</b> <u>Anna Chekmareva</u> , Leading Researcher, Russian Arctic National Park
	<b>The influence of climatic changes on phenological phases of plants in Barguzinsky Nature Reserve</b> <u>Evgenia Bukharova</u> , PhD Senior Researcher, FSU "Zapovednoe Podlemorye"
	<b>Development of the Carbon Reporting System in the Russian Federation</b> <u>Vladimir Dyachkov</u> , PhD Head of Climate Change and GHG Department, Environmental Investment Center
	<b>Late Glacial and Early Holocene - the time of the climatic optimum on the islands of the Kara Sea region</b> <u>Andrey Yurtaev</u> , PhD Head, International Complex Research Laboratory for Study of Climate Change, Land Use and Biodiversity, University of Tyumen (co-author – <u>Farid Sulkarnaev</u> , University of Tyumen)
	<b>The role of science, technology and engineering in the regulation of Arctic oil spills: an interdisciplinary approach</b> <u>Tina Hunter</u> Professor in Energy and Natural Resources Law, School of Law, University of Aberdeen Director, Centre for Energy Law
<b>13.00 – 14.00</b>	<b>Lunch</b>
<b>14.00 – 18.00</b>	Trip to the open-air wooden architecture museum "Malye Karely"
<b>15:00 - 16:30</b>	Guided tour at the museum

<b>16:30 – 17:15</b>	Tea & Russian pancakes
<b>17:15</b>	Departure from the museum
<b>19:00</b>	<b>Welcome reception for conference participants, Borisov Arctic Art Museum, Pomorskaya str. 3</b>
<b>March 2, Friday</b>	
<b>Panel session</b> <b>Venue: NArFU central building, room 1323</b> <b>10.00-13.00</b>	
<p>The themes coverage of the panel session includes the overview of core research findings related to the conference targets. International experts will introduce their vision on the following key questions:</p> <p>How to provide better education for sustainable development of the region?          What population structure we expect in the region in a short-term and long-term perspective?          How we deal with international relations and science cooperation?          How to tackle the challenges in climate change and the changing Arctic Ocean?          How to measure quality of arctic research and build up collaborations?</p> <p>Moderator: Marina Kalinina, PhD          Vice-President Interregional Cooperation, University of the Arctic          Rector's Advisor on International Cooperation, Northern (Arctic) Federal University</p>	
<b>10.00-13.00</b>	Opening welcome. Introduction by the plenary session moderator.
	<b>Education in the Arctic: "If your plan is for one hundred years, educate children"</b> <u>Tuija Turunen</u> Professor, Dean, Faculty of Education, University of Lapland
	<b>UArctic Office at the University of Oulu: Research projects and collaboration in Arctic health and wellbeing for the year 2018</b> <u>Anastasia Emelyanova</u> , PhD Postdoctoral Researcher, The UArctic Research Liaisons and Thematic Networks Office, Thule Institute, University of Oulu
	<b>International Relations aspects and scientific cooperation: How International Relations and Geopolitics can assist in science and activities in the Arctic</b> <u>Slawomir Raszewski</u> Senior Research Associate, European Centre for Energy and Resource Security (EUCERS), King's College London
	<b>20 years of climate change research in the Arctic: Have we made progress?</b> <u>James Ford</u> Professor and Chair in Climate Adaptation, Priestley International Centre for Climate, University of Leeds
	<b>Fate of sunlight in a changing Arctic Ocean</b> <u>Alexey Pavlov</u> , PhD Executive Committee member, Arctic in Rapid Transition (ART) Network
	<b>Arctic science trends: putting research funding, output, and patent data into a sensible perspective</b> <u>Igor Osipov</u> , PhD Professor, School of Economics & Management (FEFU) Chair, UArctic Research Analytics Institute
	Questions to the panelists. Discussion.
<b>13:00 – 14:00</b>	Lunch at NArFU
<b>Session 2. Coastal and marine biology, arctic ecosystems biodiversity</b> Chair – Alexey Pavlov, PhD, Arctic in Rapid Transition (ART) Network <b>Venue: NArFU central building, room 1220</b> <b>14:00 – 16:00</b>	
<p>The session is to present research perspective in arctic biodiversity in marine and coastal ecosystems from rapid changes perspective, the analysis of ecosystems indicators, toxic contaminants and best practices in integrated technologies.</p>	
<b>14.00</b>	Introduction by the Chair
	<b>Cryptogamic Russian Information System (CRIS) as an important source on biodiversity in</b>

	<p><b>Arctic</b>  <u>Eugene Borovichev</u>, PhD  Senior Researcher, Institute of the Industrial Ecology Problems of the North, Kola Science Center RAS</p>
	<p><b>Impacts of global change and human activities on arctic benthic ecosystems</b>  <u>Ursula Witte</u>  Professor of Biological Oceanography, University of Aberdeen</p>
	<p><b>Can we detect change in the Arctic ecosystem?</b>  <u>James Grecian</u>  Research Fellow, Sea Mammal Research Unit, School of Biology, University of St. Andrews</p>
	<p><b>Long-term changes in the White Sea ecosystem: threespine stickleback as an indicator species</b>  <u>Dmitry Lajus</u>, PhD  Associate Professor, Saint-Petersburg State University</p>
	<p><b>Study of macrophytes from the Arctic seas</b>  <u>Platon Kaplitsin</u>,  Engineer, Northern (Arctic) Federal University</p>
	<p><b>Cycling of highly toxic contaminants (PCBs) in Arctic trophic chains</b>  <u>Elena Gusakova</u>, PhD student  Engineer, Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University  <u>Anastasia Pesyakova</u>, PhD student  Engineer, Arctic Biomonitoring Laboratory, Northern (Arctic) Federal University</p>
	<p><b>Murmansk Marine Biological Institute. Current studies on environment and biota of Arctic seas</b>  <u>Dmitry Ishkulov</u>, PhD  Deputy Director for Science, Murmansk Marine Biological Institute</p>
	<p><b>Modern combined technology “Monitoring – Modeling Protection” as a basis for the development strategy of the Arctic region (joint project “MEMO-PRO”, MMBI (Russia) and Akvaplan-Niva (Norway))</b>  <u>Mikhail Makarov</u>, D.Sc. (Biology)  Deputy Director for Aquaculture, Murmansk Marine Biological Institute</p>
	Q&A
<p><b>Session 3. Rural health and wellbeing in the North, new health care technologies</b></p> <p>Chair – Professor Andrey Soloviev, Chief of the Psychiatry and Clinical Psychology Department, Northern State Medical University  Venue: NArFU central building, room 1220  16:00 – 17:30</p>	
<p>The session highlights recent research findings in the areas of health care, wellbeing and vulnerable social groups living in the arctic and sub-arctic regions as well as the topics of food security and advanced technologies for remotely populated areas of the region.</p>	
<b>16.00</b>	Introduction by the Chair
	<p><b>Remotely supported healthcare: A selection of research projects from the Centre for Rural Health</b>  <u>Leila Eadie</u>, PhD  Research Fellow, Centre for Rural Health, Centre for Health Science, University of Aberdeen</p>
	<p><b>Foster families for older people in remote northern Russian territories</b>  <u>Ioanna Ghiga</u>  Analyst, RAND Europe  <u>Elena Golubeva</u>  Professor, Northern (Arctic) Federal University</p>
	<p><b>Quality of life of elderly people in the foster families in Russian North</b>  <u>Elena Golubeva</u>, D.Sc. (Biology)  Professor, Northern (Arctic) Federal University  <u>Anastasia Emelyanova</u>, PhD  Postdoctoral Researcher, University of Oulu</p>
	<p><b>Interagency mental health screening technologies for the elderly people in the rural Arctic territories</b>  <u>Andrey Soloviev</u>, MD  Professor, Head, Department Psychiatry and Clinical Psychology, Northern State Medical University</p>

	<b>Human health in the Arctic zone of the Russian Federation in the context of climate change</b> <u>Galina Degteva</u> , MD Professor, Northern State Medical University
	<b>Development of specialized food for the population of the Arctic and Subarctic regions</b> <u>Vladimir Popov</u> , Dr. of Tech. Sc. Head, Department of Commodity Research and Food Technology, Industrial University of Tyumen
	Q&A
<b>Session 4. History, archaeology and cultural geography of Arctic and Subarctic coastal regions</b> Chair – Alexander Saburov, Researcher, Arctic Center for Strategic Studies	
<b>Venue: NArFU central building, room 1323</b> <b>14:00 – 17:00</b>	
The session brings together researchers to share experience in the areas of coastal archaeology and historical studies in different parts of the arctic region, including Scotland, Russian North, Far East, Yamal and Siberia.	
<b>14.00</b>	Introduction by the Chair
	<b>Stones, stories, and spirits: researching and developing the maritime landscape of medieval Orkney</b> <u>Julia Gibson</u> Lecturer and Regional Archaeologist for Orkney Islands Council, Archaeology Institute, University of the Highlands and Islands
	<b>Collections of Arctic archaeology in the funds of the Arkhangelsk Museum of Local Lore</b> <u>Alexey Edovin</u> , PhD Senior Lecturer, Northern (Arctic) Federal University Academic Secretary, Arkhangelsk Museum of Local Lore
	<b>Neolitization processes on the Pacific coast of the Russian Far East</b> <u>Alexander Popov</u> , PhD Head, Far Eastern Archaeology and Paleoecology Laboratory, Institute of Archaeology and Ethnography RAS Associate Professor, Far Eastern Federal University
	<b>Archaeological research: Arctic Research Center of the Yamal-Nenets autonomous district</b> <u>Andrey Plekhanov</u> , Senior Researcher, Sector of Archaeology, Arctic Research Center of the Yamal-Nenets autonomous district
	<b>Northern labyrinths and petroglyphs - ancient instruments of navigation and markers of uniform cultural space</b> <u>Alina Paranina</u> , PhD Associate Professor, Herzen State Pedagogical University of Russia
	<b>Comprehensive Historical and Archaeological Research of the Past of Solovetsky monastery: main trends and results</b> <u>Maria Shulgina</u> , PhD Director, Research and Education Center «Archaeology of the North», Associate Professor, National History Department, Northern (Arctic) Federal University
	<b>Search and identification of the lost ships: "Marina Raskova" and " Alexander Sibiryakov"</b> <u>Sergey Shulinin</u> , Junior Research Fellow, Arctic Research Center of the Yamal-Nenets autonomous district
	<b>NArFU Center for Comparative Religious Studies and Ethnosemiotics: implementation of research projects in the field of sacred geography in the Arctic and Subarctic territories of Russia</b> <u>Nikolay Terebikhin</u> , D.Sc. (Philosophy) Professor, Head, Center of Comparative Religious Studies and Ethnosemiotics, Northern (Arctic) Federal University <u>Andrey Khudyaev</u> Junior Research Fellow, Northern (Arctic) Federal University
	<b>Soviet Research of the Arctic Islands and Archipelagos in 1920–1940: Peculiarities of Personnel Screening, Training and Motivation</b> <u>Alexander Saburov</u> Researcher, Arctic Center for Strategic Studies, Northern (Arctic) Federal University
	<b>Implementation of the project "Research of archaeological sites of the Northern Dvina river delta"</b> <u>Artem Burmensky</u>

	Researcher, Arkhangelsk Museum of Local Lore Postgraduate student, Department of Regional Studies, International Relations and Political Sciences, Northern (Arctic) Federal University
	<b>The Nenets population of the Novaya Zemla Archipelago in the second half of the XIX – the beginning of the XX century</b> <u>Ludmila Simakova</u> Senior Researcher, Arkhangelsk Museum of Local Lore
	Q&A
<b>19:00</b>	<b>Dinner for conference participants at the restaurant “Pochtovaya Kontora”, Northern Dvina Emb. 78</b>
<b>March 3, Saturday</b>	
<b>Session 5. Anthropology in the North: traditional population and indigenous peoples in urban and rural areas</b> Chair – David Anderson, Professor of Anthropology, Chair in Anthropology of the North, University of Aberdeen  <b>Venue: NArFU central building, room 1220</b>	
The Arctic has been for thousands of years and still is a home of indigenous peoples. The session speakers share their findings in anthropological research in connection with local and traditional knowledge and culture, traditional livelihoods passing through transition, relationship between local indigenous communities and extractive industries and prospects connected to the Northern Sea Route development.	
<b>09.00-13.00</b>	Introduction by the Chair
	<b>Russian state policy and Sami ethnocultural identity</b> <u>Irina Kaznina</u> , PhD Leading expert, Department of teaching and academic staff training and accreditation Lecturer, Department of cultural and religious studies, Northern (Arctic) Federal University
	<b>Old-timers coast-dwellers and aboriginal Sami people in the cities of the Kola Peninsula</b> <u>Irina Razumova</u> , D.Sc. (History) Chief researcher, Barents Centre for the Humanities Kola Science Centre RAS
	<b>Transformation of the "Island way of living" on the Commander Islands</b> <u>Yury Latushko</u> , PhD Head, Center for Island and Coastal Anthropology of the Asia-Pacific Region, Institute of History, Archeology and Ethnology FEB RAS
	<b>Lines of Procurement: Marking Movement and Resources in Northern Canada</b> <u>Peter Looovers</u> , PhD Research Fellow, Department of Anthropology, School of Social Sciences, University of Aberdeen
	<b>Indigenous Peoples of the North and region development strategies</b> <u>Oksana Romanova</u> , PhD Associate Professor, North-Eastern Federal University
	<b>Indigenous peoples of the North of Siberia in the circumstances of industrial development of the region</b> <u>Maxim Mostovenko</u> , PhD Research Assistant in Laboratory of Historical Research, Surgut State Pedagogical University
	<b>Metis Rights and Aboriginal Rights in Canada and the Russian Federation</b> <u>David Anderson</u> Professor, Chair in The Anthropology of the North, University of Aberdeen
	<b>Socio-demographic aspects of the Yamal Nenets according to All-Russian censuses of the 21<sup>st</sup> century</b> <u>Elena Volzhanina</u> Senior researcher, Tyumen Science Centre RAS
	<b>Defining the borders of the Arctic: ethical principle and criteria of geocultural approach</b> <u>Uliana Vinokurova</u> , D.Sc. (Sociology) Professor, Head of the Circumpolar Civilization Research Center, The Arctic State Institute of Art and Culture
	<b>The Experience of Studying the Interaction of Indigenous Ethnic Groups and Oil Companies in the Arctic region of Russia</b> <u>Anatoly Silin</u> , Senior Scientific Advisor, Industrial University of Tyumen <u>Alexander Gurdjianyan</u>

	Post-Graduate, Industrial University of Tyumen
	<b>Creative behavioural models in the conditions of digital space of the Arctic</b> <u>Anna Mikhailova</u> , PhD Head of the Sociology and Personnel Management Department, North-Eastern Federal University
	<b>Sharing Oral History Recordings with Arctic Indigenous Communities</b> <u>Stephan Dudeck</u> , PhD Senior Researcher, Arctic Centre, University of Lapland
	<b>Local Identity and self-identity of the residents of the Northern Russian cities of Arkhangelsk and Severodvinsk (according to folklore and ethnographic data)</b> <u>Natalia Drannikova</u> , D.Sc. (Philology) Professor, Center for European North Traditional Culture Studies, Northern (Arctic) Federal University
	<b>“Arctic experience” in the formation of the Russian seafarer professional identity (case of the Northern Shipping Company)</b> <u>Anna Soloviova</u> Professor, World History Department, Northern (Arctic) Federal University
	<b>Epic Bards and Pop Stars: Historical ecologies in Sakha (Yakutia)</b> <u>Eleanor Peers</u> Affiliate Researcher, University of Aberdeen
	<b>The Northern Sea Route from the perspective of anthropology of infrastructure</b> <u>Valeria Vasilieva</u> Junior research fellow, Center for Arctic Social Studies, European University at St. Petersburg Junior research fellow, University of Tyumen
	<b>Geographical and functional aspects of the contemporary Northern Sea Route imaginary</b> <u>Ksenia Gavrilova</u> Junior Research Fellow, Center for Arctic Social Studies, European University at St.Petersburg
	<b>To relations between cold and civilization based on the „Wissenschaftslehre“ by I.G. Fichte and on ideas of Russian anthropologist and cosmists</b> <u>Sviatoslav Shachin</u> , PhD Associate Professor, Murmansk Arctic State University
	<b>Siberian river as an event-driven corridor: hidden and transparent practices and messages</b> <u>Lidia Rakhmanova</u> , PhD Sociologist, The State Hermitage Museum
	<b>Elderly families as the basis of traditions and stability of indigenous peoples of the North (on the example of the Republic of Sakha (Yakutia))</b> <u>Klavdia Barashkova</u> Senior Lecturer, North-Eastern Federal University
	<b>Indigenous Tourism in the Arctic: teaching sustainable values</b> <u>Olga Zakharova</u> Associate Professor, Department of Philosophy, University of Tyumen
	Q&A
<b>13:00 – 14:00</b>	<b>Lunch</b>
<b>14:00</b>	Departure to the “Malye Karely” open air museum
<b>15:00 - 16:30</b>	Guided tour at the museum
<b>16:30 – 17:15</b>	Tea & Russian pancakes
<b>17:15</b>	Departure from the museum
	<b>Departures, transfer to the airport</b>

The conference organizers contacts:

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