

For the Barents Working Group of Indigenous Peoples (WGIP):

# **SELECTED ACTIVITIES RELATED TO CLIMATE CHANGE, TRADITIONAL KNOWLEDGE and EDUCATION IN REINDEER HUSBANDRY 2016 - 2018.**

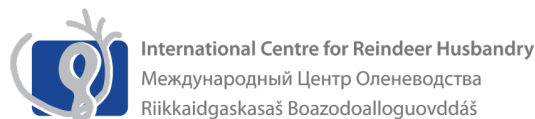


*from*

*University of the Arctic Institute for Circumpolar Reindeer  
Husbandry*

*(UArctic EALÁT Institute) (UEI)*

**COORDINATED AT INTERNATIONAL CENTRE FOR REINDEER HUSBANDRY  
(ICR)**



**IN COLLABORATION WITH PARTNERS:**

*Founding partners:* Association of World Reindeer Herders, International Centre for Reindeer Husbandry, Sami University of Applied Science, with partners; UIT Arctic University of Norway, Institute of Peoples of the North Herten University, St Petersburg, North-Eastern Federal University, NEFU, Yakutsk, Russia, Stockholm Resilience Centre Stockholm University, Sweden, University of Lapland, Finland, Yamal Polar Agro-11, Economic Technikum, Salekhard, Yamal Nenets AO, Russia, Nenets Agro Economic Technicum, Narjan Mahr, Russia, Grid Arendal, Norway, Umea University, Sweden, and Arctic Portal, Iceland

Indigenous reindeer herders are facing profound changes in their societies; both climate change and socio-economic change are already impacting reindeer herding cultures. Adaptation to climate change demand training of local Arctic leaders in long term sustainable thinking, based on the best available adaptation knowledge, both scientific and experienced-based traditional and local knowledge. One of the recommendations from IPY EALÁT project was to strengthen the cooperation of the circumpolar reindeer herders' network, by supporting the IPY legacy, the University of the Arctic Institute for Circumpolar Reindeer Husbandry as reindeer as a species and their grazing lands have a special significance for human life and the economy in the Arctic as an circumpolar civilization.

The institute focus on knowledge production related to reindeer herders' traditional knowledge, land use change and their food systems, through increased information, documentation, research, monitoring and education as an adaption strategy to the rapid changes occurring in the Arctic. Close to 100 000 herders and 24 different indigenous peoples live off reindeer herding worldwide, and reindeer are significantly important for the economy and sustainability of these Arctic indigenous communities. With reindeer herding we mean the economic foundation for reindeer herders societies. The institute is one of three institutes of University of the Arctic reporting directly to the board of UArctic.

On the Occasion of the 4th World Reindeer Herders' Congress Kautokeino, Norway, March 30th 2009 the Kautokeino declaration decided to support the establishment of University of the Arctic Institute for Circumpolar Reindeer Husbandry. University of the Arctic Board of Governors approved November 2, 2009 the UArctic Institute of Circumpolar Reindeer Husbandry.

The institute is a virtual institute, established to increase the cooperation between the partners (12) related to information exchange, research and education in the circumpolar reindeer husbandry. Since 2009 more than 260 indigenous students has participated in courses and training related to, Arctic leadership, climate change, traditional knowledge, biodiversity and food systems. The institute develops also online courses on adaption to globalization of the arctic. The institute has been supported by Prince Albert II of Monaco since it was established. The activities of the institute are to: Increase the public understanding for Arctic issues and challenges for indigenous peoples and reindeer husbandry, including monitoring. Increase the educational and research capacity of Arctic peoples, especially indigenous and reindeer herding peoples. Replicating to other regions affected by climate change and globalization the indigenous peoples' gained knowledge and ability to deal with such changes. The Institute has a circumpolar focus, and work for the benefit of Arctic residents, especially focusing on indigenous and reindeer herding peoples. Target groups are: Indigenous circumpolar reindeer herding peoples and youth, academic institutions, education and research institutions in the north.

International Centre for Reindeer Husbandry, ICR coordinate the work of UEI. ICR was established in 2005 and is headquartered in Kautokeino, and has an international board. ICR's purpose is to contribute to the maintaining and development of sustainable reindeer husbandry in the north, strengthen the cooperation between the reindeer herding peoples, document the traditional knowledge of reindeer herders, and to communicate knowledge about circumpolar reindeer husbandry to our target groups. According to the Norwegian Governments High North Strategy 2017, International reindeer husbandry center is a professional independent institution

that strengthens international reindeer husbandry cooperation, help maintain and develop one sustainable reindeer husbandry in the High North and building networks between the various reindeer husbandry people in the circumpolar areas. The center will also help to protect reindeer husbandry traditional knowledge and promote knowledge of and understanding of reindeer husbandry. The center cooperates among other things, close to reindeer husbandry workers in Russia.

### **The activities of UEI are to:**

Increase the public understanding for Arctic issues and challenges for indigenous peoples and reindeer husbandry, including monitoring.

Increase the educational and research capacity of Arctic peoples, especially indigenous and reindeer herding peoples.

Replicating to other regions affected by climate change and globalization the indigenous peoples' gained knowledge and ability to deal with such changes.

The Institute shall have a circumpolar focus, and work for the benefit of Arctic residents, especially focusing on indigenous and reindeer herding peoples.

Target groups are: Indigenous circumpolar reindeer herding peoples and youth, academic institutions, education and research institutions in the north.

### **Policy documents:**

Arctic Science task Force Agreement: UEI has participated in the development of this agreement the last four years. <https://oaarchive.arctic-council.org/handle/11374/1916>

PPs declaration in UMEÅ ICASS declaration 2017:

<http://www.snowchange.org/2017/06/declaration-on-indigenous-knowledge-from-icass-ix/>

ASM2 Arctic Science Ministerial Meeting 2:  
[https://www.arctic-science-ministerial.org/files/ASM2\\_Joint\\_Statement.pdf](https://www.arctic-science-ministerial.org/files/ASM2_Joint_Statement.pdf)

The 6th World Reindeer Herders Congress in Jåhkåmåhkke, Sweden, August 16-20, 2017 consisting of reindeer herders representing their respective reindeer herding regions and peoples expressed in their declaration:

*"Confirming the positive support and important contributions of University of the Arctic (UArctic) for addressing the education challenges of world reindeer herders, Noting with concern the current challenging international situation, and that it is affecting the collaboration of indigenous peoples in the circumpolar north through actions that have unforeseen negative impacts, and reaffirming the commitment of reindeer herding peoples to maintain peace, stability, and constructive cooperation in the north,*

*Note that the rapid global changes occurring in the circumpolar north will have implications for the knowledge needs of reindeer herders and their societies.*

*Underline the importance of developing international cooperation on education and exchange for reindeer herders, and support the UArctic EALÁT Institute and its further development, the Biegganjunažát- joint education and development project for young Sámi herders, the Arctic Council Children of the Arctic Nomadic Schools project, and Arctic Skills, and urge that*

*national qualification requirements for international student exchange be adapted for circumpolar exchange of indigenous students.*

*Recognize the reindeer herding trainee programs in Norway as a useful model for education and exchange of young reindeer herders, and acknowledge the funding allocated from the Norwegian Sámi Parliament, NRL and the Reindeer Herding Agreement”*

## **Projects 2016 - 2018**

**GEF, UNEP, ARCTIC COUNCIL Nomadic Herders:** Enhancing the resilience of pastoral ecosystems and livelihoods of nomadic herders (Short title: Nomadic Herders project) GEF 806 4764 Supported by GEF.

**ARCTIC COUNCIL Nomadic Herders, education and skills.** The preserve the taiga forest in the northern part of Mongolia and in the Republic of Sakha Yakutia of East Siberia so that the indigenous peoples living there as reindeer herders and can have a sustainable economy while preserving biodiversity even if they are effected by ongoing climate. Supported by Norwegian Ministry of Environment and Climate, in cooperation with Arctic Council ECONOR, funded by NORDREGIO, and BARSEC.

**INTERACT HORIZON 2020.** International Network for Terrestrial Research and Monitoring in the Arctic INTERACT is an infrastructure project and specifically seeks to build capacity for research and monitoring in the European Arctic and beyond, and is offering access to numerous research stations. Our aim with one of the WP is to produce an inspirational guide book for research station managers and local communities to develop a deeper mutual understanding of how to work together to build integrated local observation systems enabling local communities to respond to the challenges of present and predicted environmental change. The guide book will include a general section on key steps in the process for developing a dialogue between local communities, researchers and station managers, identifying perceptions of what is driving the need for adaptation, what information is needed to adapt, and how to develop an integrated local monitoring strategy. This general section will be followed by thematic case studies from contrasting communities presented in a standardized format. Funded by EU.

**NUNAVIS** The Nordic Resource Management project (Nordisk Resurss Forvaltning) *NUNAVIS*, *Nunani avannarlerni isumalluutinin ingerlatsineq suliniut*; [www.nordres.org](http://www.nordres.org)) was funded by the Nordic Council of Ministers as a Political Priority Initiative on the occasion of the Danish Chairmanship in 2015. Funding was provided by the Arctic Cooperation Programme. Improved production and processing of food in the Arctic by use traditional knowledge Saami reindeer herders traditional knowledge in Norway is used as an example of how herders resource management can be improved by use of this unique knowledge base

**RIEVDAN.** The primary objective of this project is researching traditional cultural capabilities in Sámi reindeer husbandry and the opportunities embedded in traditional knowledge and scientific knowledge with focus on adaptation to change and reconciliation, providing a base for a new Master's degree Program in Reindeer Husbandry Studies. Secondary objective: Explain the tensions between the two interlinked spheres of knowledge involving quite different approaches to basic aspects of reindeer husbandry and herding, contribute to new knowledge and understanding in order to increase sustainability in reindeer husbandry and herding, and strengthen the reconciliation between the interlinked and partially conflicted spheres of

knowledge. Traditional knowledge in Sámi reindeer herding related to reindeer welfare, handling of animals and Sámi food culture is rich. We propose that knowledge about reindeer herders' food culture is essential to the future ability to adapt to these changes and maintain cultural and economic sustainability. Funded by Research Council of Norway.

**EALLU Arctic Indigenous Youth: Traditional Knowledge and Food Culture – Navigation Towards Sustainability through New Approaches for Addressing Arctic Climate Change and Globalisation.** Lead Country are Norway and Russian Federation, in addition to Saami Council. The main goal of the project is to maintain and further develop a sustainable and resilient reindeer husbandry in the Arctic in face of climate change and globalisation, working towards a vision of creating a better life for circumpolar reindeer herders and make use of and respect the traditional knowledge of food cultures of Arctic indigenous/ reindeer herding peoples. The project focus on food culture and youth, to increase focus and understanding of Arctic indigenous food cultures and value added, by disseminating and giving a voice to the traditional knowledge and food cultures of Arctic indigenous peoples, Supported by BARSEC,

#### **Arctic Indigenous Peoples' Culinary Institute:**

The Culinary Institute focus on Arctic indigenous peoples' food culture and traditional knowledge as a foundation for business development and local value added in local indigenous societies - in the intersection between academia and business, between science and traditional knowledge, and between "modernity" and traditions. The Culinary Institute will facilitate documentation, research, research-based education outreach and training on traditional and modern food products. The goal is to stimulate knowledge development for innovation, business development and local value added in Arctic indigenous peoples areas, working in the intersection between academia and business, between science and traditional knowledge, and between "modernity" and traditions.

### **Articles related to climate change 2016 - 2018**

Lawrence, Rebecca and Rasmus Klöcker Larsen (2016):: *«Då är det inte renskötsel»» Konsekvenser av en gruvetablering i Laver,, Älvsbyn,, för Semisjaur Njarg Sameby..* Stockholm Environment Institute Project Report 2016 - 01.. SEI,, Stockholm,, Sweden, 2016. Forword by **Anders Oskal**.

**Anna Degteva, Anders Oskal, Svein D. Mathiesen,** Philip Burgess Iulie Aslaksen, Kathrine Johnsen, Anne-Maria Magga, Wilbert van Rooi Camilla Brattland, Robert Corell, Andrey Dubovtsev, Per Arild Garnåsjordet, Aslak Holmberg, Konstantin Klokov, Nancy G. Maynard, Christian Nellemann, Beaska Niillas, Per Jonas Partapuoli, Mikhail Pogodaev, Erik Reinert, Per Sandstr.m, Igor Slepushkin, Inger A Smuk, Jannie Steffanson, Zinaida Strogalschikova, Alexey Tsykarev, Levi Westerveld (2017): Indigenous peoples' perspectives. In Arctic Council report Adaptation Action in Changing Arctic page 167-194, Arctic Council AMAP, Oslo, Norway. .AMAP, 2017. Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area. Arctic Monitoring and Assessment Program (AMAP), Oslo, Norway. xiv + 267pp. ISBN-13 978-82-7971-102-5.

Minna Turunen, **Anna Degteva,** Seija Tuulentie, Anatoli Bourmistrov, **Robert Corell,** Edward Dunlea, Grete Hovelsrud, Timo Jouttij.rvi, Sari Kauppi, Nancy Maynard, Bob van Oort, Arja Rautio, Hein Rune Skjoldal, Natalia Anisimova, Valery Chashchin, Dmitrii Denisov, Anastasia Emelyanova, Elena Eriksen, Jaakko Erkinaro, Jon L Fuglestad, Geir Wing Gabrielsen, Ludmila

Maria Granberg, Leena Grandell, Andrei Gudkov, Ingeborg G Hallanger, Antti Hannukkala, Petri Heinimaa, Boris Ivanov, Edda Johannesen, Lis Jorgensen, Timo Jouttijarvi, Panu Juntunen, Sari Kauppi, Carina Keskitalo, Asta Kietinen, Juha Kiviluoma, Oleg Korneev, Kari Lehtonen, Lars Lindholt, Pavel Lyubin, Frode Nilssen, Teuvo Niva, Jon Oyvind Odland, Julia Olsen, Willy Streng, Riku Pasonen, Stanislav 2017. Impact analysis and consequences of change. In AMAP (2017) Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area. Arctic Monitoring and Assessment Program (AMAP), Oslo, Norway. Pages 127-166. Barents Scientific Report. ISBN-13 978-82-7971-102-5.

Miriam Huitric, Garry Peterson and Juan Carlos Rocha, Marcus Carson, Douglas Clark, Bruce Forbes, Grete K. Hovelsrud, **Svein D. Mathiesen**, Ashley Perl, Allyson Quinlan Hanna Ahlstrom, Rawaf Al Rawaf, Derek Armitage, Dag Avango, **Svetlana Avelova**, Heather Bell, Adrian Braun, Clara Burgard, Christopher Cosgrove, Daniele Crimella, Enoil de Sousa Junior, **Anna Degteva**, Lara Dominguez, Niels Einarsson, Viktoriia Filippova, Melanie Flynn, Jonas Gren, Hannah Griffiths, Gustav Grusell, Elin Högström, Elinor Holm, Henry Huntington, Hanna Kylin, Matilda Lenell, Katrin Lindbeck, Linda Lindström, Cornelia Ludwig, Tobias Luthe, Katja Malmborg, Svein D. Mathiesen, Viveca Mellegård, Yasir Muhammad, Tero Mustonen, George Noongwook, Julia Olsen, Roweena Patel, Aliaksei Patonia, Shealagh Pope, Kaitlyn Rathwell, Fernando Remolina, Stine Rybraten, Carmen Seco Pérez, Nikolas Selheim, Philip Siegel, Jessica Spijkers, Dries Stevens, Andrea Utas, Lize-Marie van der Walck, Liliia Vinokurova, Kate Williman, Alexander Winkler (2016): What factors build or erode resilience in the Arctic? In Carson M and Peterson G et al. (2016) Arctic Council Arctic Resilience Report, Chapter 4, pp 96-125. Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm, Sweden. ([www.arctic-council.org/arr](http://www.arctic-council.org/arr)). ISBN 9789186125455.

Johnsen, K. I., **S. D. Mathiesen**, and I. M. G. Eira. 2017. Sámi reindeer governance in Norway as competing knowledge systems: a participatory study. *Ecology and Society* 22(4):33. <https://doi.org/10.5751/ES-09786-220433>

Wilbert van Rooij, **Philip Burgess**, Per Arild Garnsjødet, **Svein D. Mathiesen** and Iulie Aslaksen (2017): Ecological change in Arctic regions – a GLOBIO3 pilot study of impact on biodiversity. In *The Economy of the North*, Solveig Glomsød, Grard Duhaime and Iulie Aslaksen (eds.) page 147- 162. Arctic Council Sustainable Development Working Group Report. Statistisk Sentralbyr., 2017. ISSN 0804-3221.

Davin Holen, Drew Gerkey, Even Høydahl, David Natcher, Martin Reinhardt Nielsen, Birger Poppel, Paul Inge Severeide, Hunter T. Snyder, Mary Stapleton, **Ellen Inga Turi** and Iulie Aslaksen (2017): Interdependency of subsistence and market economies in the Arctic. In *The Economy of the North*, Solveig Glomsød, Grard Duhaime and Iulie Aslaksen (eds.) page 89-125, Arctic Council Sustainable Development Working Group Report. Statistisk Sentralbyr., 2017. ISSN 0804-3221.

**Svein D. Mathiesen** and **Mikhail Pogodaev**. Arctic change and reindeer husbandry in the Barents Region 10 Saami in the Barents Region 14 wwf circle THE CIRCLE 3.2017

**Inger Marie Gaup Eira**, **Anders Oskal**, Inger Hanssen-Bauer & **Svein Disch Mathiesen** *Nature Climate Change* 8, 928–931(2018) | Published: 29 October 2018 Snow cover and the loss of traditional indigenous knowledge

**Mathiesen, SD**, Mathis P. Bongo, Philip Burgess, Robert W. Corell *et al* 2018: Indigenous Reindeer Herding and Adaptation to New Hazards in the Arctic s.198-213. Ed: Nakashima, D., Krupnik, I. and Rubis, J.T. In *Indigenous Knowledge for Climate Change Assessment and Adaptation. Local & Indigenous Knowledge 2*. Cambridge University Press and UNESCO: Cambridge and Paris. 298 pp 978-1-107-13788-2

Kia K. Hansen, Monica A. Sundset, Lars P. Folkow, Marte Nilsen and **Svein D. Mathiesen** 2018 Enteric methane emissions are lower from reindeer fed lichens compared to a concentrate feed POLAR RESEARCH 2018, VOL. 00, 1505396  
<https://doi.org/10.1080/17518369.2018.1505396>

### Articles related to traditional knowledge 2016 - 18

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Skum, E.R., Turi, J.M., Moe, L., Eira, IMG og **Mathiesen, SD**. 2016. Reinoksen og kastratens rolle I reinflokken. 129 - 142 in Benjaminsen, Eira og Sara (eds) 2016. Fagbokforlaget Vigmostad & Bjørke AS, O

**Eira, IMG, Sara, M, N.**, Svarstad, H og **Mathiesen SD** 2016. Å se som en stat eller som en samisk reineier: To forståelser av bærekraftig reindrift. 29 - 48 in Benjaminsen, Eira og Sara (eds) 2016. Fagbokforlaget Vigmostad & Bjørke AS, Oslo

**Nechei M. Serotetto (2016)**: Intercomparison of reindeer herding vocabulary in northern Sami and Nenets languages. In Lyublinskaya MD and VS Ivanova eds (2016): *Deer in the culture of the peoples of the North: a collection of materials of the scientific and practical seminar "Reindeerbreeding vocabulary in the Uralic languages"* (St. Petersburg, INS, April 20, 2016), p. 58-72. Russian State Pedagogical University – AI Herzen, Institute of the Peoples of the North, St. Petersburg, Russia. Herzen University Press, 2016. - 110 p. ISBN 978-5-8064-2322-2. Сэротэтто Н. А. Сопоставление оленеводческой лексики северного саамского и ненецкого языков// Под ред. М. Д. Люблинской, В. С. Ивановой: Олень в культуре народов севера: Сборник материалов научно-практического 2 семинара .Оленеводческая лексика в уральских языках. (Санкт-Петербург, ИНС, 20 апреля 2016 г.) / Под ред. М. Д.Люблинской, В. С. Ивановой. — СПб.: Изд-во РГПУ им. А. И. Герцена, 2016. с.58-72.

Lyublinskaya MD (St. Petersburg). Sacral and profane (consumer) significance of the deer // *Deer in the culture of the peoples of the north: Collection of materials of the scientific and practical seminar "Deer-breeding vocabulary in the Uralic languages"* (St. Petersburg, INS, April 20, 2016). Ed.). M. D. Lyublinskaya, V. S. Ivanova. - SPb .: Publishing House of the Russian State Pedagogical University. AI Herzen, 2016. p. 72-79 Люблинская М. Д. (Санкт-Петербург).Сакральное и профанное (потребительское) значение оленя // Олень в культуре народов севера: Сборник материалов научно-практического семинара

«Оленеводческая лексика в уральских языках» (Санкт-Петербург, ИНС, 20 апреля 2016 г.) / Под ред. М. Д. Люблинской, В. С. Ивановой. — СПб.: Изд-во РГПУ им. А. И. Герцена, 2016. с. 72-79

**Philip Burgess, Elena Antipina, Svetlana Avelova, Anna Degteva, Andrey Dubovtsev, Binderiya Dondov, Alena Gerasimova, Svein D Mathiesen, Anders Oskal, Mikhail Pogodaev** Eilene Adams, Roksana Avevkhay, Burmaa Batkhishih, Khoschimeg Bayandalai, Olesya Bolotaeva, Karrie Brown, M.ret R.vdna Buljo, Anna Chuprina, Sonita Cleveland, R.vdna Biret M.rj. Eira Sara, Sarantuya Ganbat, Bayarmagnai Ganbold, Inger Marie Gaup Eira, Nadezhda Gerasimova, Tsetsegmaa Gombo, Chantal Gruben, Maxim Gulyaev, Jacey Firth-Hagen, Kia Krarup Hansen, Cyrus .Naungaq. Harris, Vlada Kaurgina, Zhanna Kaurgina, Mikkel Anders Kemi, Aleksandr Krasavin, Irina Krivoshapkina, Elvira Okotetto, Marta Okotetto, Nikolay Osenin, Maria Pogodaeva, Alena Prokopjeva, Udval Purevjav, Elna Sara, Nechei Serotetto, Lyubov Sidorova, Inger Anita Smuk, Anatoly Sorokin, Marjorie Tahbone, Sandy Tahbone, Valentina Tokhtosova, Iss.t Turi, Suanne Unger, Maria Yaglovskaya, Olesya Yakovleva, Sofia Zakharova, Uudus Zolzaya, Zagalmaa Zorigt (2017): Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins. Arctic Council Sustainable Development Working Group Report 2015–2017, pp:160. ISBN 978-82-998051-1-7

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Ch 2. Elvira Okotetto, Marta Okotetto and Nechei Serotetto (2017): Nenets: Raw Meat Eaters. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 3. Issat Turi, Maret Ravdna Buljo, Jon Mikkel Eira, Inger Anita Smuk (2017): Sámi: Smoked and Cooked. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 4. Irina Krivoshapkina, Maria Yaglovskaya, Zhanna Kaurgina, Vlada Kaurgina, and Olesya Yakovleva (2017): Chukchi: Reindeer blood, the first four ribs and wild plants. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017.

Ch 5. Olesya Bolotaeva, Anatoly Sorokin and Roksana Avevkhay (2017): Koryak: Festive food and knowledge in Kamchatka and Magadan. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 6. Anna Chuprina and Sophia Zakharova (2017): Dolgan: Reindeer eyes and fish. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017



Ch 7. Alena Gerasimova, Nadezhda Gerasimova, Lyubov Sidorova and Svetlana Avelova (2017): Evenki: Kapka and blood sausage. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 8. Maria Pogodaeva, Nikolay Osenin, Mikhail Pogodaev, Maxim Gulyav and Alena Prokopieva (2017): Even: Stomach soup and reindeer yoghurt. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 9. Valentina Tokhtosova (2017): Yukagir: Yukola and chumuododje. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

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Ch 11. Eilene Adams, Sonita Cleveland, Cyrus .Naungaq. Harris, Sandy Tahbone, Marjorie Tahbone, and ICC Alaska (2017): Inuit Alaska: Tuttu, mipkuq, ugruk, tunuq, akutaq. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Ch 12. Chantal Gruben (2017): Inuit Canada: Caribou meat gravy. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017H

Ch 13. Suanne Unger (2017): Aleut: Traditional unangan/ unangas (Aleut) food. Subsistence is sustenance for the life. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

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Ch 15. Karrie Brown (2017): Athabaskan: Moose blood and dry meat soups. In Indigenous youth, Arctic Change and Food Culture - Knowledge and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017

Nadezhda Gerasimova (2017): The Traditional Cuisine of the Evenki People of Southern Yakutia. Printing- house DealSib Company, Novosibirsk, Russia. pp. 154. ISBN: 978-82-998051-3-1

**Philip Burgess**, Elena Antipina, Svetlana Avelova, Anna Degteva, Andrey Dubovtsev, Binderiya Dondov, Alena Gerasimova, **Svein D Mathiesen**, Anders Oskal, Mikhail Pogodaev, Eilene Adams, Roksana Avevkhay, Burmaa Batkishih, Khoschimeg Bayandalai, Olesya

Bolotaeva, Karrie Brown, Máret Rávdna Buljo, Anna Chuprina, Sonita Cleveland, Rávdna Biret Márjá Eira Sara, Sarantuya Ganbat, Bayarmagnai Ganbold, Inger Marie Gaup Eira, Nadezhda Gerasimova, Tsetsegmaa Gombo, Chantal Gruben, Maxim Gulyaev, Jacey Firth-Hagen, Kia Krarup Hansen, Cyrus «Naungaq» Harris, Vlada Kaurgina, Zhanna Kaurgina, Mikkel Anders Kemi, Aleksandr Krasavin, Irina Krivoschapkina, Elvira Okotetto, Marta Okotetto, Nikolay Osenin, Maria Pogodaeva, Alena Prokopjeva, Udval Purevjav, Elna Sara, Nechei Serotetto, Lyubov Sidorova, Inger Anita Smuk, Anatoly Sorokin, Marjorie Tahbone, Sandy Tahbone, Valentina Tokhtosova, Issát Turi, Suanne Unger, Maria Yaglovskaya, Olesya Yakovleva, So a Zakharova, Uudus Zolzaya, Zagalmaa Zorigt 2018. **The Best Academic food book 2018: Indigenous youth, Arctic Change and food culture, knowledge and how we have thrived on the margins.** An Arctic Council Sustainable Development an ARCTIC COUNCIL SDWG REPORT 2015–2017 pp: 160. 2<sup>nd</sup> ed.

Ravdna BM E Sara (2017): Sámi reindeer herder's perception of reindeer meat quality – some examples of traditional knowledge International Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural abstract.

SD Mathiesen (2017): Navigating towards future sustainability in reindeer husbandry: The role of traditional knowledge in social-ecological Arctic food systems International Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

N. Serotetto (2017): The Knowledge of Sami and Nenets Embedded in their Language: The connection between slaughtering techniques and the quality and taste of reindeer products. International Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

Z. Ryabchikova (2017): Somatic Lexical System - a Unique Source of Traditional Knowledge of Indigenous Khanty People Congress of Arctic Social Science IX in Ume. 8- 12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

A Oskal (2017): Indigenous Peoples' Food Empowerment: Local Economies & Resilience in a Changing Arctic. Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

M Okotetto (2017): The knowledge of raw eating in the Nenets Food Culture Arctic Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

K. Hansen (2017): Suovas - Preserving Reindeer Meat in the Smoke of the Lavvu Arctic Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

A Gerasimova (2017): The value of reindeer blood and blood sausage for Evenki reindeer herding peoples – examples of traditional knowledge. Arctic Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

A Gerasimova (2017): Customs in indigenous food culture: why reindeer herders don't eat the tip of the reindeer tongue. Arctic Congress of Arctic Social Science IX in Ume. 8- 12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract .

L Gashilova (2017): The Role of Traditional Food Systems in the Self-Identification of Nivkh from the North-East Coast of Sakhalin. Arctic Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

A Chuprina (2017): Dolgan Knowledge & Tradition in Food Culture as a Health Protector Arctic Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

S Chernyshova (2017): General Principles of Establishing the Traditional Food Systems of Indigenous Peoples of Chukotka Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

S Chernyshova (2017): Traditional Knowledge of the Indigenous Peoples of Chukotka about Production, Storage and Processing of Food Products Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

O Bolotaeva (2017): Language and Knowledge in Koryak Food Culture: The names of native dishes in Koryak language Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

S Avelova (2017): Traditional Cuisine of Evenki People: linguoculturological aspect. Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract

A Gashilov (2017): That Which We Ate, Made Us Strong Congress of Arctic Social Science IX in Ume. 8-12th of June. Food, Traditional Knowledge and Indigenous Cultural Revitalization abstract.

Anders Oskal, Ellen Inga Turi, Iulie Aslaksen, Svein D. Mathiesen, Solveig Glomsrød, Anne I. Myhr 2017 International Conference on Arctic Science: Bringing Knowledge to Action April 24- 27, 2017 Reston, Virginia, USA Organized by the Arctic Monitoring and Assessment Programme

Anna Degteva, Anders Oskal, Svein D. Mathiesen, Philip Burgess Iulie Aslaksen, Kathrine Johnsen, Anne-Maria Magga, Wilbert van Rooij Camilla Brattland, Robert Corell, Andrey Dubovtsev, Per Arild Garnåsjordet, Aslak Holmberg, Konstantin Klovov, Nancy G Maynard, Christian Nellemann, Beaska Niillas, Per Jonas Partapuoli, Mikhail Pogodaev, Erik Reinert, Per Sandström, Igor Slepushkin, Inger A Smuk, Jannie Steffanson, Zinaida Strogalschikova, Alexey Tyskarev, Levi Westerveld 2017 Adaptation Action and Indigenous Peoples' Perspectives in the Barentsregion Abstract . International Conference on Arctic Science: Bringing Knowledge to Action April 24-27, 2017 Reston, Virginia, USA Organized by the Arctic Monitoring and Assessment Programme (AMAP)

Wilbert van Rooij, Philip Burgess, Per Arild Garnåsjordet, Svein D. Mathiesen and Iulie Aslaksen, 2017 Biodiversity modelling in the Arctic as decision support tool at global,

regional and local scale Abstract for oral presentation at the International Congress on Arctic Social Sciences ICASS- IX: People and Place June 8-12, 2017 Umeå, Sweden

Report IPBES dialogue workshop on Arctic Indigenous Knowledge meeting overview June 6 - 8,, 2018 University of Helsinki, Helsinki, Finland

Zhozhiikov A.V. Northeastern Federal University named after M.K. Ammosova **Pogodaev MA** Head of the UNESCO Chair “Adaptation of Man and Society in the Arctic Regions under Conditions of Climate Change and Globalization”, Ph.D., Chairman of the Board of the Association “Reindeer Breeders of the World Executive Director of the Northern Forum Secretariat Director of the Institute for Circumpolar Reindeer Husband of the University of the Arctic **Mathiesen S.D.** (Kautokeino, Norway) Professor at the Arctic University of Norway (Tromsø, Norway) Professor at the Institute for Circumpolar Reindeer Husbandry of the University of the Arctic The role and importance of the traditional knowledge of the indigenous peoples of the Arctic and the Far North for adaptation to climate change. Complex scientific and educational expedition "Floating University of the Arctic - 2018" NARbFU Report the scientific session of students and graduate students P 85-93, In Russian

**Svein D. Mathiesen, Ludmila Gashilova, Svetlana Chernyshova, Alena Gerasimova** Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development. Diedut nr 1 2018 article number 1. ISBN 978-82-7367-045-8 In Russian

**Nechei Serotetto, Marina Lyublinskaya** Knowledge preservation in languages of the Nenets and Saami people: the influence of slaughtering methods on the taste and quality of reindeer meat. Diedut nr 1 2018 article number 2.. In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian.

**Anna Chuprina, Svetlana Chernyshova** Seasonality of traditional food culture of the Dolgan people. Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Marta Okotetto** Traditional knowledge about reindeer fat in the Nenets food culture. Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Alena Gerasimova** Taboo in food culture of reindeer herders of the North, Siberia and Arctic (case study of reindeer tongue’s tip) Diedut nr 1 2018 article number 1. In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development In press ISBN 978-82-7367-045-8 In Russian

**Svetlana Avelova** National specificity of the “food” concept in Evenki language (Linguoculturological aspect) Diedut nr 1 2018 article number 1. In press In *Mathiesen,*

*Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Elvira Okotetto** Traditional knowledge of Nenets about herbs and berries Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Liudmila Gashilova** Fish as the main component of the traditional cuisine of the Nivkhi people. Diedut nr 1 2018 article number 1. in press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Angelina Terletskaja, Svetlana Chernyshova** Traditional knowledge in culinary culture of indigenous peoples of Chukotka (production, processing and storage of food products) . Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Arkady Gashilov, Dmitry Turks** Traditional food of the Selkup people as an element of ethnic identity Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Zoya Ryabchikova, Elizaveta Pershina** The somatic lexical system as a unique source of traditional knowledge of the Khanty people Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Anna Spiryakova, Zoya Ryabchikova** The role of the Khanty people's traditional knowledge in fishing Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Ragtyna Tymkyl, Vera Cheboksarova** Fish and fish dishes in the language and culture of the Yukagir people Diedut nr 1 2018 article number 1. In press In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds* Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian

**Olesya Bolotaeva, Ganna Shestopalova** Linguistic and cultural features of the vocabulary of the Koryak language: a case study of fish names and fish products Diedut nr 1 2018 article

number 1. In press. In *Mathiesen, Gashilova, Chernyshova, Gerasimova eds Arctic Indigenous Peoples Food Systems – the role of traditional knowledge for sustainable development* ISBN 978-82-7367-045-8 In Russian

## Activities and workshops related to training and education 2016 - 2018

11- 25th April 2016 8J Course in Nomadic Herders project has produce new knowledge about protection of Arctic environment and enhanced resilience of pastoral ecosystems and reindeer herding livelihoods by training indigenous youth. 32 indigenous students, Chukchi, Even, Eveki, Dolgan, Nenest, Dukha and Saami all from reindeer husbandry in the circumpolar north applied to a 10 ETCS international bachelor course which was developed by Nomadic Herders Sapmi on documentation of traditional knowledge related to biodiversity in the local environment. After two weeks training, including lectures, literature reading, practical exercises, oral presentations, field work and a lavvu dialogue at Saami University of Applied Science in Kautokeino Norway followed by home work in local communities a total of 29 students past the final examination in the autumn 2016. Main thematic, in the course *Biodiversity in a circumpolar indigenous perspectives*, was CBD, articles 8J and the concept of traditional knowledge. The course empowered indigenous communities in the North to Arctic change. The project has during the winter 2016 provided education and training for indigenous youth, from Russia, Mongolia, Finland, Sweden and Norway about traditional knowledge related to changes of biodiversity The main goal was to increase the insights in the relationship between traditional knowledge and biodiversity for indigenous students for the sustainable development and protection of the Arctic. The project developed new methods and try new dialogues in this *training arena* for Arctic indigenous peoples for TK and biodiversity. The training goals included the protection of the Arctic and sub-Arctic regions of the earth is important for the sustainable development of reindeer herding in Arctic indigenous societies.

10th May 2017 Panel discussion Permanent Participants (PP) Side Event at Arctic Council Ministerial meeting Fairbanks, Alaska, University about traditional knowledge, PP Side Event “Traditional Knowledge in the Arctic Science” can be seen here:

[http://www.kultura.com/index.php/extwidget/preview/partner\\_id/1909371/uiconf\\_id/28775261/entry\\_id/0\\_sgrlw5r0/embed/auto?](http://www.kultura.com/index.php/extwidget/preview/partner_id/1909371/uiconf_id/28775261/entry_id/0_sgrlw5r0/embed/auto?)

15<sup>th</sup> June 2017 Miljø og Klima direktoratet Arktisk råd: AACA seminar Miljø og klima direktoratet, Oslo

[https://www.youtube.com/watch?v=j11M\\_CDijoM&sns=tw](https://www.youtube.com/watch?v=j11M_CDijoM&sns=tw)

15th 2017 June Miljø og klima direktoratet [Betydningen av klimaendringer i Arktis for mennesker, samfunn og økonomi](#) Grete Hovelsrud (Nord universitet), Martin Sommerkorn (WWF), Kim Holmen (Polarinstituttet), Svein D. Mathisen (Reindeer Centre), Ketil Isaksen (MET). Panel discussion: <https://www.youtube.com/watch?v=BURSdfWMWms>

22 - 23<sup>rd</sup> November, 2017 in St. Petersburg, Russia. XVIII International Scientific Conference - The Reality of Ethnos: The role of education in preservation and development of languages and cultures of indigenous peoples of the North, Siberia and the Far East of the Russian Federation, Oral presentation

23<sup>rd</sup>, November 2017 International Arctic Council EALLU - RIEVDAN seminar TRADITIONAL KNOWLEDGE AND FOOD CULTURE OF INDIGENOUS PEOPLES . Institute of the Peoples of the North, Herten University, St Petersburg.

12<sup>th</sup> April 2018 adaptation to Climate change in the Arctic NEFU online lecture

<https://youtu.be/sKTH9l2KmsY>

9<sup>th</sup> – 12<sup>th</sup> September 2018. Training of Arctic indigenous youth for the Aichi Biodiversity Targets and the UN SDGs Beginners course about the Arctic Council, traditional knowledge, biodiversity and SDGs was held in Rovaniemi Finland from for 20 Saami youth from Norway, Finland and Sweden in addition to indigenous youth from the Russia, connected to the Arctic Council CAFF Congress 2018. The Saami youth came from Saami Upper Secondary School and Reindeer Herding School in Kautokeino Norway, Saami Center SOGSAK, Inare Finland. The project **where** made as lavvu seminar with presentation about Arctic Council, traditional knowledge, biodiversity and SDGs, practical exercises making land use change maps and learning the use of CLEO monitoring and excursion to Pallas-Yllästunturi National Park , 200 km north west of Rovaniemi, to discuss the Finish experience with management of Aichi Biodiversity Targets (<http://www.nationalparks.fi/pallas-yllastunturin> <http://www.nationalparks.fi/yllastunturivisitorcentre> . During the four days in Rovaniemi, the indigenous youth learn about different tools and knowledge systems for understanding climate change and other environmental changes affecting the Arctic biodiversity and indigenous livelihoods. A detailed program was developed for all 4 days, including lectures and discussion groups by: Åke Michaelsson, Swedish Environmental Protection Agency, Santina Gay, US Environmental Protection Agency, Mr. Mike Brook, Alaska, Kathrine Johnsen, Levi Westerveld,,Mikhail Pogodaev, Mika Aromäki, Ola Bergdahl, Julie Aslaksen. Finally the indigenous youth participated in the CAFF congress session: Nomadic herders: Enhancing the resilience of pastoral ecosystems and livelihoods of nomadic herders. The Arctic and sub-Arctic environment, climate and biodiversity is changing in ways unprecedented in our long histories in the north, challenging traditional ways of life, wellbeing, and food security. These changes constitutes a legitimate concern for traditional indigenous livelihoods, therefore the objective with this session is: to present and discuss reduction of land degradation, improve biodiversity conservation and increase community resilience by enhancing the capacity of Indigenous peoples to protect the environment through sustainable use. The session discussed indigenous knowledge and governance of protected areas. CAFF congress and joint side events provides training of Sámi youth from the Nordic Countries how to effectively participate in processes for biodiversity conservation in the Arctic and how to represent and communicate indigenous perspectives and knowledge for the conservation and sustainable use of biodiversity nationally and internationally. In a Arctic Lavvu dialogue all indigenous youth got the opportunity to discuss these topics with respective ministers of environment from each Arctic Council State. Project essays made by the youth are still under development.

16 - 18 November 2018. International Introductory Course: The Arctic Council and the Role of the Permanent Participants in cooperation with Indigenous Peoples Secretariat in Arctic Council in Moscow, Russia with 80 indigenous peoples representatives and Arctic Council leaders from Norway, Sweden, Finland, Russia and Canada. The Arctic Council Working Group, Task Forces and Expert Groups was presented, likewise specific Arctic Council projects like EALLU and Arctic Children by SDWG, Nomadic Herders by CAFF. Also observers role in Arctic Council was discussed. History of Indigenous Peoples in the Arctic Council was presented by Leif Arnold Halonen, Norway and Eremey Aipin, Russian

Federation. A special panel debate was made: “The Arctic Council and the Role of the Permanent Participants in future”, with Alison LeClaire (SAO, Canada), Aleksii Härkönen (SAO Chair, Finland) Vladimir Barbin (SAO, The Russian Federation), Chief Bill Erasmus (AAC) Grigori Ledkov (RAIPON), and Ellen Inga Turi (Saami Council). Presentations about each state’s or organization’s policies in the Arctic Council was made with focus on sustainable development. These activities was funded in cooperation with Barents Secretariat (Supported by BARESEC)

January 23<sup>rd</sup> 2019 Side event at Arctic Frontiers in Tromsø was made at Framcenteret with 40 participants with speakers 2018: Ellen Inga Turi; Saami Council, Kia K Hansen, UIT Arctic University of Norway Nadine Kochuten, Aleut International, USA Aleut Indigenous Knowledge and Alexander Komissarov - Vice-Director of the Department of Natural Resources of Khanty-Mansiysk AO. - Regulation of relations between indigenous peoples and industrial companies; Roza- Maren Magga International Centre for Reindeer Husbandry: Introduction to Horizon 2020. Research project INTERACT. Indigenous youth were trained to communicate traditional knowledge and environmental change.

**21th, November** Arctic Council Arctic Children roundtable and Arctic Council EALLU seminar (hold in cooperation with Rievdan project at Herzen University), St Petersburg, Oral presentation.

**March 7<sup>th</sup>** Lecture and seminar Iengra Republic of Sakha Yakutia, Reindeer Herders Day – Iengra Arctic Council seminar EALLU in cooperation with NEFU.

**March 31<sup>th</sup>** Lecture for NEFU students (20) : Arctic Change and Adaptation Knowledge teaching for geography students about adaptation.

**April 8.** Lecture and seminar for Norwegian and Russian students. Arctic Skills Iengra, Republic of Sakha Yakutia. Arctic Skills declaration. In cooperation with NEFU

**April 11<sup>th</sup>** Lecture for NEFU and UArctic Students at NEFU Yakutsk Adaptation to climate change: Арктический многоязычный порталМеждународная кафедра ЮНЕСКО СВФУ совместно с Ассоциацией «Оленеводы мира» провела встречу с представителями молодежи из оленеводческих семей Республики Саха (Я...

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**September 8** Oulu Finland. UArctic Conference 2018 in Oulu Sideevent with discussions on indigenous knowledge, ethical guidelines, sustainable goals, climate change - research and education.

**September 27, 2018** Visit to Nenets Agro Technical College som ble åpnet 1 september i Salekhard for 3 årig utdanning av Nenets, Khanti og Komi reindrifts ungdom som skal bli veterinær assistenter. Her avbildet med den nye rektoren for høgskolen.

**October 9<sup>th</sup> Rovaniemi, Finland** Teaching students from Sakha Yakutia, Ugra, Yamal and Japan about Arctic Cooperation and Adaptation 2 x 45 min in cooperation with Northern Forum



**December 16<sup>th</sup>** Adaptation to global change in reindeer husbandry. NEFU Online lecture, Yakutsk, Russia

**Arctic Council EALLU project activities in the circumpolar north 2016 - 2018.**

EALLU/ AIPCI Biebmu - Nordic Food Festival in Copenhagen May 28-30, 2016  
Traditional Knowledge and Biodiversity Conservation, Kautokeino, Norway, April 11-24, 2016

EALLU/ AIPCI Russian-Norwegian Arctic Food Business Cooperation Symposium Hosted at the Norw Embassy in Moscow, May 16, 2016

EALLU/ AIPCI Scandinavian and Russian Indigenous Food Reception, on the occasion of the Norwegian National Day May 17, Hosted at the Norw Embassy in Moscow, May 17, 2016

EALLU/ AIPCI food event at the CAFF meeting in Kirkenes, Norway February 4, 2016

EALLU/ AIPCI/ RCN Rievdan/ Geitmyra Food Culture Centre for Children,  
Food event at the celebration of the Sámi National Day, Oslo, Norway February 6, 2016

EALLU/ AIPCI/ RCN Rievdan Indigenous Food Field Trip for International Food Journalists, Kautokeino, Norway, April 11-13, 2016

EALLU/ AIPCI/ RCN Rievdan International Festival of Traditional Indigenous Food Cultures, by Indigenous youth from different 7 Indigenous Peoples,

Kautokeino, Norway, April 13, 2016

EALLU/ Nomadic Herders Sápmi International University Course on Tradi-

EALLU/ AIPCI Youth and Knowledge Transfer Workshops, Midnite Sun Rein- deer Farm, Nome, Alaska, US, June 16-21, 2016

EALLU/ Rievdan Food Culture Field Workshop, Khuranakh, Tomponsky, Sakha Rep , Russia, August 4-11, 2016

EALLU/ Rievdan food culture science workshop, with 18 young Indigenous students from Russia presenting food culture thesis and traditional food dishes At Herzen University, St Petersburg, Russia, September 12, 2016

EALLU/ Rievdan Science Discussion with Arctic Colleges of Russia on food culture and TK development At Herzen University, St Petersburg, Russia, September 13, 2016

EALLU/ Rievdan/ AIPCI food culture and business seminar Salekhard, Yamalo-Nenets AO, Russia, November 8, 2016

EALLU/ Rievdan/ AIPCI food culture seminar and reception Yakutsk, Sakha Rep, Russia, November 26-28, 2016

EALLU/ Rievdan/ NCM Nordisk ressursforvaltning workshop, Nuuk, Greenland, December 10, 2016

EALLU/ Rievdan/ AIPCI Sámi food culture demo workshop, Avzi, Norway, December 20, 2016

EALLU / Rievdan Knowledge and Indigenous Food Systems, Kautokeino, Norway February 1-3, 2017

EALLU Arctic Indigenous Cuisine EXPO. Arctic Territory of Dialogue Forum. Archangelsk March 28-9, 2017

**Public-oriented dissemination measures like promotions in mass media (newspapers, radio, TV, web pages, seminars)**

RIEVDAN and AC EALLU cookbook presentation by Nadezhda Gerasimova “The Traditional Cuisine of the Evenki People of Southern Yakutia” in Neryungri cultural Center. The book was a part of the Arctic Council EALLU and RIEVDAN project. October 2, 2017 / NERYUNGRI, RUSSIA

The RIEVDAN youth researchers from Norway and Russia are participating at Arctic Youth Ambassador program which has been exploring the diverse environments of Northern Iceland, and participating at the Arctic Circle session on “Voice of Youth: How to Build a Successful Arctic Youth Engagement Program”. 6-14 October, 2017 /REYKJAVIK, AKUREYRI, ICELAND <https://www.facebook.com/groups/182705005630354/>

<https://www.instagram.com/arcticyouthambassadors/>

RIEVDAN and AC EALLU cookbook presentation by Nadezhda Gerasimova “The Traditional Cuisine of the Evenki People of Southern Yakutia” in the capital of Republic of Sakha Yakutia, with major participation from indigenous communities. The book was a part of the Arctic Council EALLU and RIEVDAN project October 12, 2017 / YAKUTSK, RUSSIA, <http://ddnykt.ru/?p=13749>

The ceremony of awarding the winners of the "Student of the Year- 2017" in the system of higher professional education. RIEVDAN student Anna Chuprina became the winner in nomination "Best in the organization of international and international cooperation (tolerance)". She believes this award was granted due to the opportunity to participate in the project The Arctic Council of EALLU and RIEVDAN, increased her professional skills in this sphere of international cooperation. November 21, 2017 / SAINT-PETERSBURG

RIEVDAN seminar on “Traditional Knowledge and Food Culture of Indigenous Peoples of the Arctic”  
November 23, 2017 / SAINT-PETERSBURG, RUSSIA

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1511600014/>

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1511603317/>

[http://www.mofa.go.kr/eng/brd/m\\_5676/view.do?seq=319586&srchFr=&srchTo=&srchWord=Meetings&srchTp=&multi\\_itm\\_seq=0&itm\\_seq\\_1=0&itm\\_seq\\_2=0&company\\_cd=&company\\_nm=&page=10&titleNm=](http://www.mofa.go.kr/eng/brd/m_5676/view.do?seq=319586&srchFr=&srchTo=&srchWord=Meetings&srchTp=&multi_itm_seq=0&itm_seq_1=0&itm_seq_2=0&company_cd=&company_nm=&page=10&titleNm=)

[https://www.s-vfu.ru/universitet/rukovodstvo-i-struktura/instituty/unesco/news\\_detail.php?SECTION\\_ID=&ELEMENT\\_ID=95613](https://www.s-vfu.ru/universitet/rukovodstvo-i-struktura/instituty/unesco/news_detail.php?SECTION_ID=&ELEMENT_ID=95613)

<http://reindeerherding.org/blog/november-23-international-eallu-rievdan-seminar-saint-petersburg/>

<https://www.yakutiamedia.ru/news/683603/>

<http://reindeerherding.org/ru-blog/proyekty-blog/%D0%B5%D0%B0%D0%BB%D0%BB%D1%8E/%D0%BF%D1%80%D0%BE%D1%88%D0%B5%D0%BB-%D0%BC%D0%B5%D0%B6%D0%B4%D1%83%D0%BD%D0%B0%D1%80%D0%BE%D0%B4%D0%BD%D1%8B%D0%B9-%D1%81%D0%B5%D0%BC%D0%B8%D0%BD%D0%B0%D1%80-%D0%BF%D0%BE-%D1%82%D1%80%D0%B0%D0%B4/?lang=ru>

<http://reindeerherding.org/projects/rievdan/>

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1511603317/>

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1505127757/>

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1517645186/1517645382/1528352136/>

<https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1512552776/>

Fra vidde til bord – en smak av helten på vidda, Áisaroaivi, 30. april 2018

Presentasjonen av doktorgradsprosjekt “Kvalitet på reinkjøtt – kunnskapssystemer og forvaltning” for statsminister Erna Solberg og landbruksminister Jon Georg Dale, Fylkesmannen i Finnmark ved Trond Årseth, leder for Norges Reindrifts Landsforbund EllinoMarita Jåma, Markedsutvalget ved kokk Svein Jæger og Jo

hn Anders Lifjell, og andre lokale politikere og interesserte, Áisaroaivi i Sennalandet. Ravdna BME Sara

Ságat nr 83, “Ikke den verste dagen på jobb”, 3.5.2018 Ravdna BME Sara

Ávvir nr 81, “Oahppimátkkis ja lohpadus 35 miljovna divatgeahpadus”, 3.5.2018 Ravdna BME Sara <http://ysia.ru/v-nerjungri-v-svet-vyshla-novaya-kniga-traditsionnaya-kuhnyaevenkov-yuzhnoj-yakutii/>

### **User-oriented dissemination measures Reports, notes, articles, lectures at meetings / conferences address the target groups in the project:**

Arctic Frontiers Side event 2018. Presentation «Sámi reindeer herders perspectives” in Himalaya Yak and Arctic Reindeer Herders: Building resilience and cooperation, Tuesday 23 Jan 1700-2000, Tromsø.

Ravdna BME Sara Presentation “Two Ways of Knowing about Quality of Reindeer Meat” in progress report seminar “RIEVDAN WP 1 & 3 Rapid change - challenges and/or

opportunities for Sustainable reindeer husbandry?”, Sami University of Applied Sciences, Kautokeino.

Ravdna BME Sara Presentation “Sámi reindeer herder’s use of traditional knowledge in food systems achieving sustainability”, World Indigenous Research and Education Conference (WIREC 2018), Session 3d: Protection and Monitoring of Environmental and Traditional Resources, August 23, 2018, Kautokeino *Ravdna BME Sara*

Skills and Knowledge - Hand in Hand Towards the Future By Alena Gerasimova, Researcher, UArctic EALÁT Institute, Project Manager, International Centre for Reindeer Husbandry and Oddbjørg Hætta Sara, Teacher, Sámi High School and Reindeer Husbandry School UArctic Shared Voices <https://www.uarctic.org/shared-voices/shared-voices-magazine-2018/skills-and-knowledge-hand-in-hand-towards-the-future/>

KK Hansen (01.02.18) "Souvas - in the smoke of the Lavvu cultural and experimental study of Saami traditional smoking practices» lecture at scientific seminar Ealuu-Rievdan, Saami University of Applied Science, Kautokeino, Norway

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December 12-15, 2017. RIEVDAN researcher Alena Gerasimova attend the Arctic Partnership Week 2017, where in the Youth Session she shares the RIEVDAN and EALLU activities and results / BUSAN, SOUTHERN KOREA

April 9, 2018 RIEVDAN researcher Anna Chuprina attends the conference of the Student Scientific Society, Institute of Peoples of The North under the Herzen State Pedagogical University. Her presentation on the topic: "TRADITIONAL CULTURE OF FOOD DOLGAN AS A SUBJECT OF INTEGRATED RESEARCH ". /SAINT-PETERSBURG, RUSSIA RIEVDAN researcher Anna Chuprina attends the XIII International exhibition "Treasures of the North. Masters and artists. " Round table "Taimyr, which is worth knowing." Speech on the topic: "Healthy nutrition of the indigenous peoples of the North. " Introducing the indigenous nutrition model Arctic and the popularization of the project of the Arctic Council EALLU and RIEVDAN (spoke about her experience participation in this project). May 1, 2018 / MOSCOW, RUSSIA RIEVDAN and AC EALLU cookbook presentation by Nadezhda Gerasimova "The Traditional Cuisine of the Evenki People of Southern Yakutia" at the international Evenki competition "Turen". The book was a part of the Arctic Council EALLU and RIEVDAN project. September 25-26.