



International Centre for Reindeer Husbandry

Международный Центр Оленеводства

Riikkaidgaskasaš Boazodoalloguovddáš

ICR 2023:

Oversikt over publikasjoner
med utgangspunkt i reindrift,
knyttet til ulike temaer



17.11.2023

Svein D. Mathiesen



Innhold

Innledning. 2

Reindrift – samisk reindrift- styring – forvaltning - bærekraft – tradisjonell kunnskap – flokkstruktur – reintall kunnskapssystemer –Etikk relatert til kunnskapsvalg. 4

Tap av beiteland – Reindrift – styring – Tradisjonell kunnskap. 7

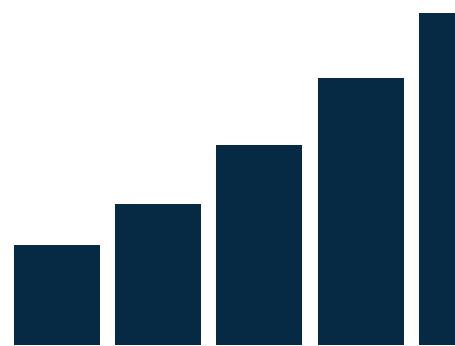
Reindrift – Klimaendringer - Tradisjonell kunnskap - Resiliens. 8

Urfolks matsystemer – Reindrift - Tradisjonell kunnskap. 12

Rapporter – Sustainable Development Working Group - FNs Klima Panel IPCC .- Barents Scientific - Stockholm Environment Institute Project - Rapporter til Arktisk råd. 15

Kurs/panel/sideevent/presentasjoner - Matsystemer - i regi av International Centre for Reindeer Husbandry (ICR); Et kunnskapssenter. 26

Prosjekter i regi av International Centre for Reindeer Husbandry med samarbeidspartnere 37





Innledning

Denne rapporten inneholder oversikt over vitenskapelige publikasjoner som inneholder temaer om nomadisk reindrift tradisjonell kunnskap, klimaendringer, styring og forvaltning, arealforvaltning og tap av beiteland, urfolks matsystemer og kunnskaper. Internasjonalt senter for reindrift (ICR) har sammen med flere universiteter og høgskoler, som for eksempel Samisk høgskole ledet forskningsprosjekter der disse publikasjonene er hentet fra.

I denne rapporten er det også oversikt over ICR's rapporter til ulike mellomstatlig organer, som Arktisk råd, FNs Klima Panel IPCC m.fl.

Internasjonalt senter for reindrift er en uavhengig faginstitusjon, etablert i 2005, som skal styrke det internasjonale urfolkssamarbeid, bidrar til å opprettholde og utvikle én bærekraftig reindrift i nordområdene og bygge nettverk mellom reindriftsfolkene i de subarktiske områdene. Senteret skal også bidra til å beskytte reindriftens tradisjonelle kunnskap og fremme kunnskap om og forståelse for reindriften spesielt fokuseret på urfolks matssystemer i Nordområdene.

ICR har ansvaret for det internasjonale akademiske sekretariatet for UArctic EALÁT Institute som jobber med å samle både tradisjonelle og vitenskapsbaserte kunnskap innen forskning, opplæring og utdanningsprogrammer og planlegge vitenskapelige og forskningsaktiviteter med internasjonale samarbeidspartnere, slik som Harvard Universitet.



inkludere urfolkskunnskap

Det er en økende forståelse for viktigheten og nødvendigheten av å inkludere urfolkskunnskap i vitenskapelig observasjon og forskning spesielt relatert til nettopp arktiske urfolks matssystemer. Klimaendringer påvirker den lokale økonomien i Sapmi, både langs kysten, på fjellets, i syd og i nord.

ICR har nylig utført uavhengig forskning som involverer reindrifters tradisjonelle kunnskap finansiert av Horizon 2020, Social Sciences and Humanities Research Council of Canada (SSHRC), og Global Environmental Facility (GEF), og NordForsk. Spesielt fremhever vi prosjektet: From reindeer to pork, meat assimilation in Arctic indigenous communities, ledet av ICR og støttet finansielt fra Canada. Den nåværende forbruket av kjøtt (svinekjøtt) i et urfolks reindriftssamfunn studeres og hvordan dette har endret seg fra 1950-2021. ICR og Verdensforbundet for reindriftsfolk gjennomførte Arktisk råd matprosjektet EALLU (<https://arctic-council.org/projects/arctic-indigenous-youth-food-knowledge-and-arctic-change-eallu-ii/>) med urfolksungdom fra hele det sirkumpolare nord og levert e, 11. mai 2017, rapporten med tittelen "EALLU – Indigenous Youth, Food Knowledge & Arctic Change". Ved den 23. International Gourmand Awards i Yantai i Kina 26. mai 2018, vant denne boken prisen for verdens beste matbok, på tvers av alle kategorier, i konkurransen med 1 372 andre bøker fra over 70 stater. <https://oaarchive.arctic-council.org/items/1e8c52d5-c783-4b6f-8528-7da64ff100d0>).

Derfor kan man også med troverdighet hevde at matkulturene til arktiske urbefolkninger og arbeidet til våre urfolk ungdom representerer en unik kompetanse, med et demonstrert globalt potensial. ICR har god oversikt over litteratur og andre prosjekter innenfor temaet mat-systemer, og vil lage det en systematisk oversikt med fokus på samisk forhold. ICR vil lage et forstudie om matssystemer, som vil resultere i en systematisert oversikt over urfolks matsystemer i Sápmi, og en systematisk oversikt over litteratur og prosjekter, samt foreslå retning for det videre arbeidet. ICR vil utarbeide behovet for en matkonferanse for Arktiske urfolk med fokus på fisk, kjøtt og bær (<https://reindeerherding.org/1st-arctic-indigenous-peoples-food-congress>).

Reindrift – samisk reindrift- styring – forvaltning - bærekraft – tradisjonell kunnskap – flokkstruktur – reintall kunnskapssystemer –Etikk relatert til kunnskapsvalg

Benjaminsen, Tor., Inger Marie Gaup Eira Eira and Mikkel Nils M Sara (eds)) (2016): <i>Samisk reindrift, norske myter</i> (Sámi reindeer herding, Norwegian myths). Fagbokforlaget, Oslo,, Norway,, 2016..	Samisk reindrift - Styring - forvaltning
Benjaminsen, T. A., Eira, I. M., Johnsen, K. I., Reinert, E., Reinert, H., Sara, M. N., Sjaastad, E. and H. Svarstad, 2016. <i>Samisk reindrift, norsk forvaltning</i> in Benjaminsen, T. A., Gaup Eira, I. M. and Sara, M. N. (eds.), <i>Samisk Reindrift Norske Myter</i> , Oslo: Fagbokforlaget.	Samisk reindrift Styring - forvaltning
Bongo, M and Eira, I.M.G. 2023. Chapter 5. Learning by herding – transmission of Sámi reindeer herding knowledge and skills. In Reindeer Husbandry - <i>Adaptation to the - Changing Arctic, Volume 1.</i> pp. 99-130. Editors Mathiesen, Eira, Turi, Oskal, Pogodaev and Tonkopeeva. Springer Nature. https://link.springer.com/chapter/10.1007/978-3-031-17625-8_5	reindrift Tradisjonell kunnskap, kunnskapsoverføring
Cand agric Jørgen Eira Solbakke 2006. Herd composition and productivity in reindeer herders NMBU. Doktor og mastergradsoppgaver som omhandler temaet	Reindrift Flokkstruktur
Dr Johnsen, K.I. (2018). Conflicting knowledges, competing worldviews: Norwegian governance of Sámi reindeer husbandry in West Finnmark, Norway. PhD. Thesis, NMBU. https://nmbu.brage.unit.no/nmbu-xmlui/handle/11250/2583879 Doktor og mastergradsoppgaver som omhandler temaet	Reindrift forvaltning Kunnskapssystemer Tradisjonell kunnskap
Dr Turi, Ellen Inga, 2016 State Steering and Traditional Ecological Knowledge in Reindeer-Herding Governance Cases from western Finnmark, Norway and Yamal, Russia, Umeå University, Sweden PhD. Thesis. https://www.diva-portal.org/smash/get/diva2:923184/FULLTEXT01.pdf Doktor og mastergradsoppgaver som omhandler temaet	Reindrift Styringssystemer Tradisjonell kunnskap
Eira, I. M. G., M. N. Sara, H. Svarstad, & S. D. Mathiesen. 2016. Å se som en stat eller som en samisk reineier: to forståelser av bærekraftig reindrift. Pages 27-48 in T. A. Benjaminsen, I.	Reindrift Bærekraft Forvaltning

M. G. Eira, and M. N. Sara, editors. <i>Samisk Reindrift, Norske Myter</i> . Fagbokforlaget, Bergen, Norway.	Tradisjonell kunnskap
Eira, RBM (2012). Bruk av tradisjonell kunnskap i uforutsigbare kritiske hendelser i reindriften. Saken om samisk reindrift i Vest- Finnmark, Norge og Nenets reindrift på Yamal-halvøya, Yamal-Nenets AO, Russland (MS-avhandling). Universitetet i Tromsø, Norge	Reindrift Styring Tradisjonell kunnskap
Doktor og mastergradsoppgaver som omhandler temaet	
Johnsen K.I. & Benjaminsen, T.A. (2017). The art of governing and everyday resistance: “rationalization” of Sámi reindeer husbandry in Norway since the 1970s. <i>Acta Borealia</i> 34 (1):1–25. doi:10.1080/08003831.2017.1317981	Reindrift styring Tradisjonell kunnskap
Johnsen, K. I., Benjaminsen, T. A., & Eira, I. M. G. 2015. Seeing like the state or like pastoralists? Conflicting narratives on the governance of Sámi reindeer husbandry in Finnmark, Norway. <i>Norsk Geografisk Tidsskrift-Norwegian Journal of Geography</i> , 69(4), 230-241. https://www.tandfonline.com/doi/abs/10.1080/00291951.2015.1033747	Reindrift styring Tradisjonell kunnskap
Turi, E.I. & Keskitalo, C. (2014). Governing reindeer husbandry in western Finnmark: barriers for incorporating traditional knowledge in local-level policy implementation. <i>Polar Geography</i> 2014 ;Volum 37.(3) ss.234-251 https://www.tandfonline.com/doi/abs/10.1080/1088937X.2014.953620	Reindrift Bærekraft Styring Tradisjonell kunnskap
Turi, E.I. (2014). Commentary ‘Healtly communities in the Arctic - Sámi perspectives’. In Young, O. R., Jong, D. K. and Yoon, H. K. (Eds.) <i>The Arctic in World Affairs: A North Pacific Dialogue on International Cooperation in a Changing Arctic</i> . 2014 North Pacific Arctic Conference Proceedings. Korea Maritime Institute and East-West Centre, Honolulu, USA. pp. 355- 362	Reindrift Bærekraft Styring Tradisjonell kunnskap
Turi, E. I. (2013). Diversifying hegemonic social science: Traditional knowledge and indigenous epistemologies in social research on Sámi reindeer herding. I: Wisselgren, Per; Larsson, Anna; Danell, Rickard. (red.) <i>Social Science in Context: Historical, Sociological and Global Perspectives</i> . Nordic Academic Press 2013 (ISBN 978-91-87351-04-4) ss. 220-236.	Reindrift bærekraft Tradisjonell kunnskap
Näkkäläjärvi, K and S.Juntunen Co-production of Knowledge on Climate Change Adaptation in Reindeer Sámi Culture:	Etikk relatert til kunnskapsvalg

Research Methodology and Ethics 2023 In Mathiesen et al 2023. <i>Reindeer Husbandry. Resilience in the Changing Arctic Chapter 1 p 1-19.</i> Springer Polar Series.	Reindrift Klimaendringer Tradisjonell kunnskap
Stith, M., Magga, R.M., Kaiser, M., Oskal, A., & Mathiesen, S.D. (2023). Ethics of knowledge production in times of environmental change. In S. D. Mathiesen, I. M. Eira, E. I. Turi, A. Oskal, M. Pogodaev, & M. Tonkopeeva (Eds.), <i>Reindeer husbandry: Adaptation to the changing Arctic. Volume 1.</i> Springer Polar Sciences. https://link.springer.com/chapter/10.1007/978-3-031-17625-8_6	Etikk relatert til kunnskapsvalg Reindrift Klimaendringer Tradisjonell kunnskap
Sara, M. N., Eira, I.M.G, Bjørklund, I og Oskal, A, 2016. Hvordan skal vi forstå reintall? in Benjaminsen, T. A., Gaup Eira, I. M. and Sara, M. N. (eds.), <i>Samisk Reindrift Norske Myter</i> , Oslo: Fagbokforlaget.	Reintall Bærekraft Styring Tradisjonell kunnskap
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.	Fagspråk Reindrift Tradisjonell kunnskap

Tap av beiteland – Reindrift – styring - Tradisjonell kunnskap

<p>Johnsen, K.I. (2016). Landuse conflicts between reindeer husbandry and mineral extraction in Finnmark, Norway: Contested rationalities and the politics of belonging. <i>Polar Geography</i>, 39:58-79.</p> <p>https://nmbu.brage.unit.no/nmbu-xmlui/handle/11250/2479624</p>	<p>Tap av beiteland Reindrift styring Tradisjonell kunnskap</p>
<p>Maynard, N., Oskal, A., Turi, J.M., Mathiesen, S., Eira, I.M.G., Yurchak, B., Etylin, V. and Gebelein, J., 2010. Impacts of Arctic Climate and Land Use Changes on Reindeer Pastoralism: Indigenous Knowledge and Remote Sensing. Chapter 8. Eurasian Arctic Land Cover and Land Use in a Changing Climate. Springer Science Business Media B.V</p>	<p>Tap av beiteland Reindrift Klimaendringer Tradisjonell kunnskap</p>
<p>Naikanchina, A., Elle Bals, Anna Degteva, Ol- Johan Gaup, Alexander Grigorev, Inger Marie G. Eira, Kathrine I. Johnsen, Rebecca Lawrence, Anne-Maria Magga, Svein D. Mathiesen, Helena Omma, Konstantin Oshchepkov, Anders Oskal, Mikhail Pogodaev, Ellen Inga Turi, Philip Burgess, Johan Mathis Turi, Johan Daniel Turi, Issat Turi, Ravidna B. M Eira, Ivan Tuprin, Igor Slepushkin, Alexander Serotetto, Mattias Åhrén and Björn Alfthan (2012): "Study on loss of grazing land in circumpolar reindeer husbandry". UNPFII Special Report submitted by Special Rapporteur Anna Naikanchina. United Nations Permanent Forum on Indigenous Issues (UNPFII), Tenth Session, New York, .</p> <p>http://reindeerherding.org/wp-content/uploads/2013/01/UNPFII-2012-Reindeer-Husbandry_Final_23Nov.pdf.</p>	<p>Tap av beiteland Reindrift Klimaendringer Tradisjonell kunnskap</p>
<p>Turi, E.I and Eira, I.M.G, 2016. Bruk av tradisjonell kunnskap i miljø- og arealforvaltning i Norge. Pages 97-115 in Sametinget. Editor. <i>Perspektiver til fremtidig areal- og miljøpolitikk i Sápmi</i>. Sametinget. Norge</p> <p>https://sametinget.no/_f/p1/ida57ab6f-cb63-47cf-98e8-3d25c9b19ded/perspektiver-til-fremtidig-areal-og-miljopolitikk-i-sapmi-1.pdf</p>	<p>Tradisjonell kunnskap Arealforvaltning</p>
<p>van Rooij, W., Aslaksen, I., Eira, IH, Burgess, P., & Garnåsjordet, PA (2023). Tap av reinbeitemark i Finnmark, Ingen rvei, og effekter på biologisk mangfold: GLOBIO3 som beslutningsstøtteverktøy på arktisk lokalt nivå. In SD Mathiesen, IMG Eira, EI Turi, A. Oskal, M. Pogodaev og M.</p>	<p>Tap av beiteland Reindrift Klimaendringer Tradisjonell kunnskap</p>

Tonkopeeva (red.), <i>Reindrift</i> . Springer Polar Sciences. Springer. https://doi.org/10.1007/978-3-031-17625-8_9 https://link.springer.com/chapter/10.1007/978-3-031-17625-8_9	
Vistnes, I. I., Burgess, P., Mathiesen, S. D., Nellemann, C., Oskal, A., & Turi, J. M. (2009). Reindeer Husbandry and Barents 2030: Impacts of Future Petroleum Development on Reindeer Husbandry in the Barents Region.	Tap av beiteland Klimaendringer Reindrift

Reindrift – Klimaendringer - Tradisjonell kunnskap - Resiliens

Borch, T., Johnsen, K.I., Eira, I.M.G., Uhre, K & Lutz, J. (2023). Det ene året er ikke det andre årets bror. Klimaendringer påvirker natur og samfunn. Ottar nr. 3 2022.	Klimaendringer Tradisjonell kunnskap
Dr philos Inger Marie G Eira. 2012. Muohntaga jávohis giella Sámi árbevirolaš máhttu muohntaga birra dálkkádatrievdanáiggis The Silent Language of Snow Sámi traditional knowledge of snow in times of climate change, University of Tromsø. Supervised by Ole Henrik Magga and Svein D.Mathiesen. PhD. Thesis https://munin.uit.no/handle/10037/9843 Doktor og mastergradsoppgaver som omhandler temaet	Reindrift Klimaendringer Tradisjonell kunnskap
Eira, I. M. G. 2022. Understanding Sámi reindeer herders' knowledge systems of snow and ice. – Sanna Valkonen, Sigga-Marja Magga, Saara Tervaniemi & Áile Aikio (doaimm.), <i>The Sámi world</i> . pp 181-196. London: Routledge World. https://www.taylorfrancis.com/chapters/edit/10.4324/9781003025511-13/understanding-s%C3%A1mi-reindeer-herders-knowledge-systems-snow-ice-inger-marie-gaup-eira	Reindrift Klimaendringer Tradisjonell kunnskap
Eira, I. M. G., Oskal, A., Hanssen-Bauer, I., & Mathiesen, S. D. (2018). Snow cover and the loss of traditional indigenous knowledge. <i>Nature Climate Change</i> , 8(11), 928. https://doi:10.1038/s41558-018-0319-2 https://www.nature.com/articles/s41558-018-0319-2	Reindrift Klimaendringer Tradisjonell kunnskap
Eira, I. M., Jaenicke C., Magga, O. H., Maynard N., Vikhamar-Schuler, D., Mathiesen, S. D., 2013: "Traditional Sámi snow terminology and physical snow classification – Two ways of Knowing". In <i>Cold Regions Science and Technology</i> , Volume 85, January 2013, Pages 117-130.	Reindrift Klimaendringer Tradisjonell kunnskap

https://www.sciencedirect.com/science/article/pii/S0165232X12001863	
Eira, I.M.G., Magga, O.H., Eira, N.I., 2010. Sámi Muohtatearpmaid sisdoallu ja geavahus/ Snow Terminology - Meaning and Usage. <i>Sámi dieđalaš áigečála</i> . 2/2010. s. 3-24. https://munin.uit.no/bitstream/handle/10037/9843/paper_I.pdf?sequence=7&isAllowed=y	Reindrift Klimaendringer Tradisjonell kunnskap Tradisjonell kunnskap
Eira, I.M.G. & Mathiesen, S.D. 2021. Muohtadoahpagiid praktikhkalaš geavahus boazobarggus. [The use of snow concepts in practical reindeer herding]. <i>Sámi dieđalaš áigečála</i> 2021: 73–101. https://site.uit.no/aigecala/sda-2021-inger-marie-gaup-eira-ja-svein-d-mathiesen/	Reindrift Klimaendringer Tradisjonell kunnskap
Eira, I.M.G., Turi, J.M. and Turi, E.I. 2023. Chapter 4 Traditional Sámi reindeer herding knowledge during a year. Examples of herding on snow-covered ground. In <i>Reindeer Husbandry - Adaptation to the Changing Arctic</i> , Volume 1. pp. 67-97. Editors Mathiesen, Eira, Turi, Oskal, Pogodaev and Tonkopeeva. Springer Nature. https://link.springer.com/chapter/10.1007/978-3-031-17625-8_4	Reindrift Klimaendringer Tradisjonell kunnskap
Mathiesen, SD., IMG Eira, El Turi, A. Oskal, M. Pogodaev, & M. Tonkopeeva (eds.), (Springer Polar Series Reindeer Husbandry. <i>Resilience in the Changing Arctic Chapter</i> . 117 -139 Springer Polar Series.	Reindrift Klimaendringer Tradisjonell kunnskap
Johnsen, K. I., I. M. G. Eira, S. D. Mathiesen and A. Oskal. 2023. Chapter 3 'Leaving no one behind' – sustainable development of Sámi reindeer husbandry. In <i>Reindeer Husbandry - Adaptation to the Changing Arctic</i> , Volume 1. pp. 37-66. Editors Mathiesen, Eira, Turi, Oskal, Pogodaev and Tonkopeeva. Springer Nature. https://link.springer.com/chapter/10.1007/978-3-031-17625-8_3	Reindrift Klimaendringer Tradisjonell kunnskap
Johnsen, K. I., S. D. Mathiesen, and I. M. G. Eira. 2017. Sámi reindeer governance in Norway as competing knowledge systems: a participatory study. <i>Ecology and Society</i> 22(4):33. https://doi.org/10.5751/ES-09786-220433	Kunnskapsperspektiver Reindrift Klimaendringer Tradisjonell kunnskap

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	Reindrift Klimaendringer Tradisjonell kunnskap
Krarup Hansen, K., & Oskal-Somby, B. (2023). Tilpasning til fremtidens klima i samisk reindrift: En casestudie fra Tromsø, Norge. In SD Mathiesen, IMG Eira, El Turi, A. Oskal, M. Pogodaev, & M. Tonkopeeva (Eds.), <i>Reindeer husbandry</i> (Springer polar sciences). Springer.	Reindrift Klimaendringer Tradisjonell kunnskap
Master of Science Kia Krarup Hansen 2012 Methane emissions from reindeer - Do reindeer fed lichens emit less methane than reindeer on a pelleted feed diet? UiT The Arctic University of Norway. Master thesis in Biology, University of Tromsø. Doktor og mastergradsoppgaver som omhandler temaet https://munin.uit.no/bitstream/handle/10037/5153/thesis.pdf	Reindrift Klimaendringer Tradisjonell kunnskap
Master of Science Tracie Curry: 2012 "Herding on thin Ice". Landscape Architecture, Harvard University, Boston, USA Doktor og mastergradsoppgaver som omhandler temaet	Reindrift Klimaendringer
Mathiesen, S.D. (2023). Reindeer Husbandry in the Circumpolar North. In S. D. Mathiesen, I. M. Eira, E. I. Turi, A. Oskal, M. Pogodaev, & M. Tonkopeeva (Eds.), <i>Reindeer husbandry: Adaptation to the changing Arctic. Volume 1.</i> Springer Polar Sciences. https://link.springer.com/chapter/10.1007/978-3-031-17625-8_1	Reindrift Klimaendringer Tradisjonell kunnskap
Mathiesen, SD (2023). Reindrift i det sirkumpolare nord. I SD Mathiesen, IMG Eira, El Turi, A. Oskal, M. Pogodaev, & M. Tonkopeeva (Red.), <i>Reindrift. Springer polarvitenskap.</i> Springer. https://doi.org/10.1007/978-3-031-17625-8_1	Reindrift Klimaendringer Tradisjonell kunnskap
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 https://unesdoc.unesco.org/ark:/48223/pf0000265504	Reindrift Klimaendringer Tradisjonell kunnskap
Reinert, E, Aslaksen, I., Eira, I.M.G., Mathiesen S., Turi E. 2009. Adapting to Climate Change in Reindeer Herding – The Nation-State as Problem and Solution, in Adger, W. N., I. Lorenzoni	Reindrift Klimaendringer

<p>and K. O'Brien (eds.): Adapting to Climate Change: Thresholds, Values and Governance. Cambridge: Cambridge University Press.</p> <p>https://www.cambridge.org/core/books/adapting-to-climate-change/adapting-to-climate-change-in-sami-reindeer-herding-the-nationstate-as-problem-and-solution/3AC68EADDCEE0FA7F580038368FDDA92</p>	<p>Tradisjonell kunnskap</p>
<p>Reinert, SA, Lewis, Q., Oskal, A., & Stokvik, K. (2022). Entreprenørskap i et arktisk i endring: Sibirske reindriftsutøvere og den nordlige sjøveien. Harvard Business School-sak 722-005, februar 2022. Revidert juli 2022.</p>	<p>Reindrift Klimaendringer</p>
<p>Skum, E.R., Turi, J.M., Moe, L., Eira, IMG og Mathiesen, SD. 2016. Reinoksen og kastratens rolle I reinflokkene. 129 - 142 in Benjaminsen, Eira og Sara (eds) 2016. Fagbokforlaget Vigmostad & Bjørke AS, O</p>	<p>Reindrift Klimaendringer Tradisjonell kunnskap</p>
<p>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</p>	<p>Reindrift Klimaendringer Tradisjonell kunnskap</p>
<p>Tonkopeeva, M, Corell, R.W, Maynard, N.G, Turi, E.I., Eira, I.M.G., Oskal, A., and Mathiesen S.D. 2023. Chapter 2. Framing Adaptation to Rapid Change in the Arctic. In Reindeer Husbandry - Adaptation to the Changing Arctic, Volume 1. pp. 15-35. Editors Mathiesen, Eira, Turi, Oskal, Pogodaev and Tonkopeeva. Springer Nature.</p> <p>https://link.springer.com/chapter/10.1007/978-3-031-17625-8_2</p>	<p>Reindrift Klimaendringer Tradisjonell kunnskap</p>
<p>Turi, Ellen Inga 2008, Living with Climate Variation and Change: A comparative Study of Resilience embedded in the Social Organisation of Reindeer Pastoralism in Western Finnmark and Yamal Peninsula, Master</p> <p>http://library.arcticportal.org/429/</p> <p>Doktor og mastergradsoppgaver som omhandler temaet</p>	<p>Reindrift Styring Klimaendringer Tradisjonell kunnskap</p>
<p>Tyler, N. J. C., Turi, J. M., Sundset, M. A., Bull, K. S., Sara, M. N., Reinert, E., Oskal, N., Nellemann, C., McCarthy, J. J., Mathiesen, S. D., Martello, M. L., Magga, O. H., Hovelsrud, G. K., Hanssen-Bauer, I., Eira, N. I., Eira, I. M. G. and Corell, R. W. (2007). Saami reindeer pastoralism under climate change: applying a generalized framework for vulnerability studies.</p> <p>https://www.sciencedirect.com/science/article/pii/S0959378006000550</p>	<p>Reindrift Klimaendringer Tradisjonell kunnskap</p>

Vikhamar-Schuler, D., Hanssen-Bauer, I., Schuler, T., Mathiesen, S.D. & M. Lehning. (2013). Use of a multilayer snow model to assess grazing conditions for reindeer. <i>Annals of Glaciology</i> , 54(62): 212- 226.	Klimaendringer
---	----------------

Urfolks matsystemer – Reindrift - Tradisjonell kunnskap

Elvira Okotetto Traditional knowledge of Nenets about herbs and berries 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 ISBN 978-82-7367-045-8 In Russian	Reindrift Tradisjonell kunnskap Matsystemer
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	Matsystemer Reindrift Klimaendringer Tradisjonell kunnskap
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	Matsystemer Reindrift Tradisjonell kunnskap
Lublinskaya 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. Al 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	Fagspråk Reindrift Tradisjonell kunnskap
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	Matsystemer Reindrift Tradisjonell kunnskap

– the role of traditional knowledge for sustainable development ISBN 978-82-7367-045-8 In Russian	
Mathiesen, S. D., L. Gashillova, S. Chernyshova, & A. Gerasimova (2018). DIEÐUT: Arctic Indigenous Peoples' food systems – <i>The role of traditional knowledge for sustainable development</i> . Kautokeino, Norway: Sami allaskulva and Nordic Council of Ministers. ISBN 978-82-7367-045-8. (In Russian) (Eds.).	Matsystemer Reindrift Bærekraft Tradisjonell kunnskap
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	Matsystemer Reindrift Tradisjonell kunnskap
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.	Matsystemer Reindrift Tradisjonell kunnskap
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 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	Matsystemer Reindrift Tradisjonell kunnskap
Philip Burgess, Elena Antipina, Svetlana Avelova, Anna Degteva, Andrey Dubovtsev, Binderiya Dondov, Alena Gerasimova, Svein D Mathiesen, Anders Oskal, Mikhail Pogodaev Eilene Adams, Roksana Avekhay, Burmaa Batkhishih, 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 «Naunqaq» Harris, Vlada Kaurgina, Zhanna Kaurgina, Mikkel Anders Kemi, Aleksandr Krasavin, Irina Krivoshapkina, Elvira Okotetto, Marta Okotetto, Nikolay Osenin, Maria Pogodaeva, Alena Prokopjeva, Udval	Matsystemer Reindrift Tradisjonell kunnskap

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. 2nd ed.	
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	Matsystemer Reindrift Tradisjonell kunnskap
Sara, RBME (2023, kommende dr grad). Samisk reindrifts matkunnskapssystem – Flere måter å vite (PhD-avhandlinger). UIT Norges arktiske universitet. Doktor og mastergradsoppgaver som omhandler temaet	Matsystemer Reindrift Tradisjonell kunnskap
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	Matsystemer Reindrift Tradisjonell kunnskap
Svetlana Avelova National specificity of the “food” concept in Evenki language (Linguoculturological aspect) Diedut nr 1 2018 article number 1. In press In Mathiesen,	Matsystemer Reindrift Tradisjonell kunnskap
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	Matsystemer Reindrift

Rapporter - Sustainable Development Working Group - FNs Klima Panel IPCC .- Barents Scientific - Stockholm Environment Institute Project - Rapporter til Arktisk råd

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 Glomsrød, Grard Duhaime and Iulie Aslaksen (eds.) page 89- 125, Arctic Council Sustainable Development Working Group Report. Statistisk Sentralbyr., 2017. ISSN 0804-3221.	Bærekraft Sustainable Development Working Group Report
Wilbert van Rooij, Philip Burgess, Per Arild Garn.sjordet, Svein D. Mathiesen and Iulie Aslaksen (2017): Ecological change in Arctic regions – a GLOBIO3 pilot study of impacts on biodiversity. In The Economy of the North, Solveig Glomsrød, Grard Duhaime and Iulie Aslaksen (eds.) page 147- 162. Arctic Council Sustainable Development Working Group Report. Statistisk Sentralbyr., 2017. ISSN 0804-3221.	Bærekraft Tap av beiteland Klimaendringer Reindrift Sustainable Development Working Group Report
Magga, R.M., Oskal, A. & Mathiesen, S.D. (2020). INTERACT guide for facilitating local adaptation to environmental change Project No. 730938 D9.1 – INTERACT final report: Guide for Local Adaptation to Environmental Change	Etikk relatert til kunnskapsvælg Reindrift Tradisjonell kunnskap
FNs Klima Panel IPCC . Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning	Reindrift Klimaendringer Tradisjonell kunnskap
Minna Turunen, Anna Degteva, Seija Tuulentie, Anatoli Bourmistrov, Robert Corell, Edward Dunlea, Grete Hovelsrud, Timo Jouettij.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	Inngrep Reindrift Klimaendringer

L Fuglestad, Geir Wing Gabrielsen, Ludmila Lawrence, Rebecca and Rasmus Klöcker Larsen (2016):: «Då är det inte renskötsel»» Konsekvenser av en gruvetablering i Laver,, Älvbyn,, för Semisjaur Njarg Sameby.. Stockholm Environment Institute Project Report 2016 - 01.. SEI,, Stockholm,, Sweden, 2016. Forward by Anders Oskal.	
NUNAVIS The Nordic Resource Management project (Nordisk Resurss Forvaltning) NUNAVIS, Nunani avannarlerni isumalluutinik ingerlatsineq suliniut; 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	International Centre for Reindeer Husbandry (ICR); Et kunnskapsenter
Ch 1. Anders Oskal, Mikhail Pogodaev, Svein D Mathiesen, Alena Gerasimova and Svetlana Avelova (2017): SDWG EALLU 2017 Executive Summary and Recommendations for the Arctic Council. 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	Matsystemer Sustainable Development Working Group Report
Ch 10. Burmaa Batkhishih, Khoschimeg Bayandalai, Sarantuya Ganbat, Bayarmagnai Ganbold, Tsetsegmaa Gombo, Udval Purevjav, Uudus Zolzaya and Zagalmaa Zorigt (2017): Dukha: Hunguun and the wild potato. 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	Matsystemer Sustainable Development Working Group Report
Ch 11. Eilene Adams, Sonita Cleveland, Cyrus .Naunq̄aq. 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	Matsystemer Sustainable Development Working Group Report
Ch 12. Chantal Gruben (2017): Inuit Canada: Caribou meat gravy. In Indigenous youth, Arctic Change and Food Culture - Knowledge	Matsystemer

and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017H	Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group Report
Ch 14. Jacey Firth-Hagen (2017): Gwich'in: Caribou are half our heart. 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	Matsystemer Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group
Ch 3. Issat Turi, Maret Ravidna 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	Matsystemer Sustainable Development Working Group Report Sustainable Development Working

	Group Report
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.	Matsystemer Sustainable Development Working Group Report Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group Report Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group Report Sustainable Development Working Group Report
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	Matsystemer Sustainable Development

and How We Have Thrived on the Margins, Arctic Council Sustainable Development Working Group Report, 2017	nt Working Group Report Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group Report
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	Matsystemer Sustainable Development Working Group
Report IPBES dialogue workshop on Arctic Indigenous Knowledge meeting overview June 6 - 8., 2018 University of Helsinki, Helsinki, Finland	Rapport
Zhzhikov 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 WorldExecutive Director of the Northern Forum Secretariat Director of the Institute for Circumpolar Reindeer Husbandry 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. <i>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"</i> NARbFU Report the scientific session of students and graduate students P 85-93, In Russian	Rapport
Burgess, P., Antipina E., Avelova, S., Chernyshova, S., Degteva, A., Dubovtsev, A., Dondov, B., Gerasimova, A., Mathiesen, S. D., Oskal,	Rapporter til Arktisk

A., Pogodaev, M. et al. (2018). Urfolksungdom, matkunnskap og arktisk endring – EALLU, En rapport fra ministermøtet i Arktisk råd, av Sustainable Development Working Group, Association of World Reindeer Herders og International Centre for Reindeer Husbandry. ISBN 978-82-998051-4-8, 171 s. Paulsen Publishing House, Moscow, Russia and International Centre for Reindeer Husbandry, Guovdageaidnu/Kautokeino, Norway. de Costa, R. (2009). Urfolksdiplomatier før nasjonalstaten. https://doi.org/10.1057/9780230102279_5	råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Degteva, A., Oskal, A., Mathiesen, SD, Burgess, P., Iulie, A., Johnsen, K., Magga, A.-M., van Rooij, W., Brattland, C., Corell, R., Dubovtsev, A., Garnåsjordet, PA, Holmberg, A., Klokov, K., Maynard, NG, Nellemann, CB, Niillas, P., Jonas, P., Pogodaev, M., Reinert, E., Sandström, P., Slepushkin, IS, Inger, A., Steffanson, J., Strogalschikova, Z., Tyskarev, A., & Westervel d, L. (2017). Kapittel 7: Urfolksperspektiver. I AMAP, 2017. Tilpasningsaksjoner for et Arktis i endring – perspektiver fra Barentsområdet. Arktisk overvåkings- og vurderingsprogram (AMAP), Oslo, Norge. In Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area (pp 127-166). Oslo, Norway: Arctic Monitoring and Assessment Program (AMAP). ISBN-13 978-82-7971-102-5	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Holen, D., D. Gerkey, E. Høydahl, D. Natcher, M. Reinhardt Nielsen, B. Poppel, P. I. Severeide, H. T. Snyder, M. Stapleton, E. I. Turi and I. Aslaksen (2017). Interdependency of subsistence and market economies in the Arctic. In S. Glomsrød, G. Duhaime and I. Aslaksen, The Economy of the North (pp 89-125). Arctic Council Sustainable Development Working Group. ISSN 0804-3221.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Huitric, M., G. Peterson and J. C. Rocha, M. Carson, D. Clark, B. Forbes, G. K. Hovelsrud, S. D. Mathiesen, et al (2016). Chapter 4: What factors build or erode resilience in the Arctic? In M. Carson and G. Peterson et al, Arctic Council Arctic Resilience Report, pp 96-125. Stockholm, Sweden: Stockholm Environment Institute and Stockholm Resilience Centre. ISBN 9789186125455.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning

<p>Larsen, JN, Anisimov, OA, Constable, A., Hollowed, AB, Maynard, N., Prestrud, P., Prowse, TD, & Stone, JMR, (2014). Polare regioner. I VR Barros, CB Field, DJ Dokken, MD Mastrandrea, KJ Mach, TE Bilir, M. Chatterjee, KL Ebi, YO Estrada, RC Genova, B. Girma, ES Kissel, AN Levy, S. MacCracken, PR Mastrandrea, & LL White (red.), <i>Climat e Change 2014: Impacts, Adaptation, and Vulnerability. Del B: Regionale aspekter. Bidrag fra arbeidsgruppe II til den femte vurderingsrapporten fra det mellomstatlige panelet for klimaendringer (s. 1567–1612)</i>. Cambridge University Press.</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>
<p>Magga OH, S.D. Mathiesen, R.W. Corell and A.Oskal, (eds), Rasmus Benestad, Mathis P. Bongo, Philip Burgess, Anna Degteva, Vladimir Etylen, Inger Marie G. Eira, Ravnna Biret Marja Eira, Ole Isak Eira, Nils Isak Eira, Eirik Førland, Christian Jaedicke, Inger Hanssen-Bauer, Dagrun V. Schuler, Ditte Hendrichsen, David Griffiths, Jennifer Gebelein, E. Carina H. Keskitalo, Vladimir Kryazhkov, Roza Laptander, Anne-Maria Magga, Nancy G. Maynard, Lars Moe, Christian Nellemann, Eli R. Nergård, Helena Omma, Nils Oskal, Øyvind Ravna, Mikhail Pogodaev, Kirsti E. Præsteng, Erik Reinert, Monica A. Sundset, Ellen Inga. Turi, Johan Mathis Turi, Elna Sara, Mikkel Nils Sara, Nicholas J. C. Tyler, Ingunn I. Vistnes and Mattias Åhren. 2011: Reindeer Herding, Traditional Knowledge and Adaptation To Climate Change And Loss Of Grazing Land. A project led by Norway and Association of World Reindeer Herders (WRH) in Arctic Council, Sustainable Development Working Group (SDWG). Ministerial Report 2011, International Centre for Reindeer Husbandry and Association of World Reindeer Herders. International Centre for Reindeer Husbandry Report 1:2011. Fagtrykk Idé AS, Alta, reindeer herding, traditional knowledge and adaptation to ...reindeerherding.org/wp.../EALAT-Final-Report.pdf</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>
<p>Mathiesen, SD, Alftan, B., Corell, RW, Eira, RBM, Eira, IMG, Degteva, A., Johnsen, KI, Oskal, A., Roue, M., Sara, M . NA, Skum, ERN, Turi, EI, & Turi, JM (2013). Strategier for å styrke samisk reindrifts motstandskraft mot raske endringer i Arktis. I Arktisk råd Arctic Resilience Report (ARR), delrapport til Arktisk råds ministermøte i Kiruna (s. 100–112). Stockholm Resilience Centre og Stockholm Environmental Institute. https://mediamanager.sei.org/documents/Publications/ArcticResilienceInterimReport2013-LowRes.pdf</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>

<p>McCarthy, J.J., Long Martello, M., Corell, R., Eckley, N., Hovelsrud-Broda, G., Mathiesen, S.D. Polsky, C., Selin, H., Storeheier, P.V., Tyler, N., Bull, K.S., Siegel-Causey, D., Eira, N.I., Eriksen, S., Hanssen Bauer, I., Kalstad, J.K., Oskal, N., Reinert, E., Turi, J.M.T., and Eira I.G. 2005. Climate Change in the Context of Multiple Stressors and resilience. Arctic Council Arctic Climatic Impact Assessment (ACIA). Ch 17: 879- 922. Cambridge University press. (published on web 2004 http://www.uaf.acia.edu) (Arctic Climate Impact Assessment (ACIA)).</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>
<p>Mikhail Pogodaev, M, Anders Oskal, Svetlana Avelova, Pierre Bergkvist, Philip Burgess, Anna Degteva, Rávdná Biret Márvája Eira, Inger Marie Gaup Eira, Ol Johan Gaup, Alena Gerasimova, Yunting Gu, Kia Krarup Hansen, Mikkel Anders Kemi, Anne-Maria Magga, Svein Disch Mathiesen, Helena Omma, Per Jonas Partapuoli, Vadim Parfenov, Elna Sara, Nechei Serotetto, Igor Slepushkin, Anne Silviken, Petter Stoor, Ksenia Tibichi, Johan Daniel Turi, Issat Turi, Ellen Inga Turi, and Elena Walkeapää. 2015 Arctic Council EALLIN report to the Ministerial meeting Youth –The future of reindeer herding peoples http://www.scribd.com/doc/253000367/EALLIN-Youth-the-Future-of-Reindeer-Herding-Peoples</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>
<p>Oskal, A, A. Gerasimova, T.M Winsnes Johansen, R.B.M.E Sara, N. Serotetto, I.A Smuk & S.D Mathiesen (2021). EALLU II and Arctic Indigenous Peoples' Food Systems - The Role of Traditional Knowledge for Sustainable Development. Pathways, Issue 1 - Projects that make a difference. Arctic Council Icelandic Chairmanship, Arctic Council, May 2021.</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>
<p>Oskal, A, Turi, J.M., Mathiesen, S.D., Burgess, P., 2009: "EALÁT Reindeer Herders' Voice: Reindeer Herding, Traditional Knowledge and Adaptation to Climate Change and Changed Use of the Arctic." In Oskal, A., Turi, J.M., Mathiesen, S.D., Burgess, P., (eds.): EALÁT reindeer herders' voice: Reindeer herding, traditional knowledge and adaptation to climate change and loss of grazing land. Report 2:2009. International Centre for Reindeer Husbandry. Fagtrykk idé as, Alta. pp</p>	<p>Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning</p>

Oskal, A., Pogodaev, M., Mathiesen, S.D., Gerasimova, A. & Avelova, S. (2017). SDWG EALLU 2017 Executive Summary and Recommendations for the Arctic Council. In Burgess et al, (2017). Indigenous youth, Arctic Change and Food Culture Knowledge and How We Have Thrived on the Margins – EALLU. Arctic Council SDWG EALLU Ministerial Meeting Report 2017. International Centre for Reindeer Husbandry and Association of World Reindeer Herders, Kautokeino, Norway, 2017.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Sara, RBME (2019). Innsikt i kjøttkvalitet gjennom urfolks reindrifters tradisjonelle kunnskap. I EALLU Arctic indigenous people's food systems: Youth, knowledge & change 2015–2019, en Arctic Council Sustainable Development Working Group rapport fra EALLU-prosjektet i 2015–2019. Internasjonalt senter for reindrift.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Sara, RBME, Turi, El, Buljo, RMM, Oskal, A., Mathiesen, SD, & Aslaksen, I. (2021). Samisk reindrift i No rway: Tradisjonell kunnskaps rolle for økonomi og styresett. I S. Glomsrød, G. Duhaime, & I. Aslaksen (Red.). Nordens økonomi – ECONOR 2020.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Turunen, M., A. Degteva, S. Tuulentie, A. Bourmistrov, R. W. Corell, E. Dunlea, G. Hovelsrud, T. Jouttiirvi, S. Kauppi, N. Maynard, et al (2017). Impact analysis and consequences of change. In Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area (pp 127-166). Oslo, Norway: Arctic Monitoring and Assessment Program (AMAP). ISBN-13 978-82-7971-102-5.	Rapporter til Arktisk råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
van Rooij, W., P. Burgess, P. A. Garnåsjordet, S. D. Mathiesen and I. Aslaksen (2017). Ecological change in Arctic regions – a GLOBIO3	Rapporter til Arktisk

pilot study of impacts on biodiversity. In S. Glomsrød, G. Duhaime and I. Aslaksen, The Economy of the North (pp 147- 162). Arctic Council Sustainable Development Working Group. ISSN 0804-3221	råd som diskuterer bruken av reindriftens kunnskap i Norge - sannhet og forsoning
Anna Degteva, Anders Oskal, Svein D. Mathiesen, Philip Burgess Julie 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. <i>Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area.</i> Arctic Monitoring and Assessment Program (AMAP), Oslo, Norway. xiv + 267pp. ISBN-13 978-82-7971-102-5.	Klimaendringer
Maria Granberg, Leena Grandell, Andrei Gudkov, Ingeborg G Hallanger, Antti Hannukkala, Petri Heinimaa, Boris Ivanov, Edda Johannessen, Lis Jorgensen, Timo Joutti.j.rvi, Panu Juntunen, Sari Kauppi, Carina Keskitalo, Asta Kiet.v.inen, 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) <i>Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area.</i> Arctic Monitoring and Assessment Program (AMAP), Oslo, Norway. Pages 127- 166. Barents Scientific Report. ISBN-13 978-82-7971-102-5.	Reindrift Klimaendringer Tradisjonell kunnskap
Mathiesen, S.D., Alfthan, B., Corell, R., Eira, R.B.M., Eira, I.M.G., Degteva, A., Johnsen, K.I., Oskal, A., Roué, M., Sara, M.N., Skum, E.R., Turi, E.I., and Turi, J.M 2013. Strategies to enhance the resilience of Sámi reindeer husbandry to rapid changes in the Arctic in Arctic Resilience Interim Report 2013, Stockholm Environment Institute and the Stockholm Resilience Centre, Arctic Council	Reindrift Klimaendringer Tradisjonell kunnskap
Miriam Huitric, Garry Peterson and Juan Carlos Rocha, Marcus Carson, Douglas Clark, Bruce Forbes, Grete K. Hovelsrud, Svein D.	Resiliens Reindrift

<p>Mathiesen, Ashley Perl, Allyson Quinlan Hanna Ahlstr.m, Rawaf Al Rawaf, Derek Armitage, Dag Avango, Svetlana Avelova, Heather Bell, Adrian Braun, Clara Burgard, Christopher Cosgrove, Daniele Crimella, Enoil de Sousa J.nior, Anna Degteva, Lara Dominguez, Niels Einarsson, Viktoriia Filippova, Melanie Flynn, Jonas Gren, Hannah Grif ths, Gustav Grusell, Elin H.gstr.m, Elinor Hol.n, Henry Huntington, Hanna Kylin, Matilda Lenell, Katrin Lindb.ck, Linda Lindstr.m, Cornelia Ludwig, Tobias Luthe, Katja Malmborg, Svein D. Mathiesen, Viveca Melleg.rd, Yasir Muhammad, Tero Mustonen, George Noongwook, Julia Olsen, Rowena Patel, Aliaksei Patonia, Shealagh Pope, Kaitlyn Rathwell, Fernando Remolina, Stine Rybr.ten, Carmen Seco P.rez, Nikolas Selheim, Philip Siegel, Jessica Spijkers, Dries Stevens, Andrea Utas, Lize-Marie van der Walkt, 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). ISBN 9789186125455.</p>	Klimaendringer
<p>Philip Burgess, Elena Antipina, Svetlana Avelova, Anna Degteva, Andrey Dubovtsev, Binderiya Dondov, Alena Gerasimova, Svein D Mathiesen, Anders Oskal, Mikhail Pogodaev Eilene Adams, Roksana Avekhay, Burmaa Batkhishih, Khoschimeg Bayandalai, Olesya Bolotaeva, Karrie Brown, M.ret R.vdma Buljo, Anna Chuprina, Sonita Cleveland, R.vdma 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 .Naunq̄aq. Harris, Vlada Kaurgina, Zhanna Kaurgina, Mikkel Anders Kemi, Aleksandr Krasavin, Irina Krivoshapkina, Elvira Okotetto, Marta Okotetto, Nikolay Osenin, Maria Pogodaeva, Alena Prokopjeva, Udal Purevjav, Elna Sara, Nechei Serotetto, Lyubov Sidorova, Inger Anita Smuk, Anatoly Sorokin, Marjorie Tahbone, Sandy Tahbone, Valentina Toktosova, 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</p>	Reindrift Klimaendringer Tradisjonell kunnskap Bærekraft

Kurs/panel/sideevent/presentasjoner - Matsystemer - i regi av International Centre for Reindeer Husbandry (ICR); Et kunnskapssenter

Federation. A special panel debate was made: "The Arctic Council and the Role of the Permanent Participants in future", with Alison LeClaire (SAO, Canada), Aleksi Häkkinen (SAO Chair, Finland) Vladimir Barbin (SAO, The Russian Federation), Chief Bill Erasmus (AAC) Grigorii 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)
March 7th Lecture and seminar lengra Republic of Sakha Yakutia, Reindeer Herders Day – March 31th Lecture for NEFU students (20) : Arctic Change and Adaptation Knowledge teaching for geography students about adaptation.
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
EALLU/ AIPCI Biebmu - Nordic Food Festival in Copenhagen May 28-30, tional Knowledge and Biodiversity Conservation, Kautokeino, Norway, April 11-24, 2016
EALLU/ AIPCI food event at the CAFF meeting in Kirkenes, Norway February 4, 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/ 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 di erent 7 Indigenous Peoples,
EALLU/ AIPCI/ RCN Rievdan/ Geitmyra Food Culture Centre for Children, Food event at the celebration of the Sámi National Day, Oslo, Norway Februa- ry 6, 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 dis- hes 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, Ya- malo-Nenets AO, Russia, November 8, 2016
EALLU/ Rievdan/ AIPCI food culture seminar and reception Yakutsk, Sakha Rep, Russia, November 26-28, 2016
EALLU/ Rievdan/ AIPCI Sámi food culture demo workshop, Avzi, Norway, December 20, 2016
EALLU/ Rievdan/ NCM Nordisk ressursforvaltning workshop, Nuuk, Green- land, December 10, 2016
January 23rd 2019 Side event at Arctic Frontiers in Tromsø was made at Framsenteret 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 Khnaty- 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 where trained to communicate traditional knowledge and environmental change.
April 11th Lecture for NEFU and UArctic Students at NEFU Yakutsk Adaptation to climate change: Арктический многоязычный портал Международная кафедра ЮНЕСКО СВФУ совместно с Ассоциацией «Оленеводы мира» провела встречу с представителями молодежи из оленеводческих семей Республики Саха (Я...)
April 8. Lecture and seminar for Norwegian and Russian students. Arctic Skills lengra, Republic of Sakha Yakutia. Arctic Skills declaration. In cooperation with NEFU
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.

<p>https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1484635902/1504601303/1512552776/</p>
<p>https://www.herzen.spb.ru/main/structure/inst/ins/1382465113/1517645186/1517645382/1528352136/</p>
<p>https://www.instagram.com/arcticyouthambassadors/</p>
<p>https://www.s-vfu.ru/universitet/rukovodstvo-i-struktura/instituty/unesco/news_detail.php?SECTION_ID=&ELEMENT_ID=95613</p>
<p>Kautokeino, Norway, April 13, 2016 EALLU/ Nomadic Herders Sápmi International University Course on Traditional Knowledge (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</p>
<p>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 John Anders Lifjell, og andre lokale politikere og interesserte, Áisaroaivi i Sennalandet. Ravidna BME Sara</p>
<p>Gashilova L.B. Yukola - Our Foundational Dish//Indigenous Youth, Food Knowledge and Arctic change EALLU/ International Centre for Reindeer Husbandry (ICR) Report 2017:1, Norway, 2017 2nd edition, 2018 P. 97 - 101. https://oaarchive.arctic-council.org/bitstream/handle/11374/2169/Eallu_2018_for%20Web_Abridged.pdf?sequence=1&isAllowed=y</p>
<p>Bolotaeva O.L. Festive food and knowledge in Kamchatka and Magadan// Indigenous Youth, Food Knowledge and Arctic change EALLU/ International Centre for Reindeer Husbandry (ICR) Report 2017:1, Norway, 2017 2nd edition, 2018. P. 70 - 79. https://oaarchive.arctic-council.org/bitstream/handle/11374/2169/Eallu_2018_for%20Web_Abridged.pdf?sequence=1&isAllowed=y</p>
<p>EALLU/ AIPCI Youth and Knowledge Transfer Workshops, Midnite Sun Reindeer Farm, Nome, Alaska, US, June 16-21, 2016</p>
<p>10th May 2017 Panel discussion Permanent Participants (PP) Side Event at Arctic Council Ministerial meeting Fairbanks, Alaska, USA about traditional knowledge, PP Side Event “Traditional Knowledge in the Arctic Science” can be seen here: http://www.kaltura.com/index.php/extwidget/preview/partner_id/1909371/uiconf_id/28775261/entry_id/0_sgrlw5r0/embed/auto?</p>
<p>11- 25th April 2016 8J Course in Nomadic Herders project has produced new knowledge about protection of Arctic environment and enhanced resilience of pastoral ecosystems and reindeer herding livelihoods by training indigenous</p>

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.

12th April 2018 daptation to Climate change in the Arctic NEFU online lecture
<https://youtu.be/sKTH9l2KmsY>

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>

15th June 2017 Miljø og Klima direktoratet Arktisk råd: AAC seminar Miljø og klima direktoratet, Oslo
https://www.youtube.com/watch?v=j11M_CDijoM&sns=tw

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

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.
22 - 23rd 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
23rd, November 2017International Arctic Council EALLU - RIEVDAN seminar Traditional knowledge and food culture of indigenous peoples . Institute of the Peoples of the North, Hertzen University, St Petersburg.
9th – 12th September 2018. <i>Training of Arctic indigenous youth for the Aichi Biodiversity Targets and the UN SDGs</i> Beginners course about the Arctic Council, traditional knowledge, biodiversity and SDGs was hold 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 Herdering 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-yllastunturinp 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.
Activities and workshops related to training and education 2016 - 2018
Anna Degteva, Anders Oskal, Svein D. Mathiesen, Philip Burgess Julie Aslaksen, Kathrine Johnsen, Anne-Maria Magga, Wilbert van Rooij 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 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)
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.
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
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
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.
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 .
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.

<p>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</p>
<p>Angelina Terletskaia, 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</p>
<p>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</p>
<p>Anna Spiriyakova, 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</p>
<p>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 Arctic Indigenous Peoples 'Culinary Institute:</p>
<p>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.</p>
<p>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</p>
<p>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</p>

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,
L Gashilova (2017): The Role of Traditional Food Systems in the Self-Identitification of Nivkh from the North-East Coast of Sakhalin. Arctic Congress of Arctic Social Science IX in 6 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
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.
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
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.
Wilbert van Rooij, Philip Burgess, Per Arild Garnåsjordet, Svein D. Mathiesen and Julie 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 PlaceJune 8-12, 2017 Umeå, Sweden
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
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.

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.
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
Okotetto E., Okotetto M., Serotetto N. Raw meat Eaters. / International Centre for Reindeer Husbandry (ICR) Report 2017:1, Norway, 2017 2nd edition, 2018. P. 33 - 43. https://oaarchive.arctic-council.org/bitstream/handle/11374/2169/Eallu_2018_for%20Web_Abridged.pdf?sequence=1&isAllowed=y
Public-oriented dissemination measures like promotions in mass media (newspapers, radio, TV, web pages, seminars)
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
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
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
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
RIEVDAN seminar on “Traditional Knowledge and Food Culture of Indigenous Peoples of the Arctic” November 23, 2017 / SAINT-PETERSBURG, RUSSIA
Ságat nr 83, “Ikke den verste dagen på jobb”, 3.5.2018 Ravdna BME Sara
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 reindriftsungdom som skal bli veterinær assistenter. Her avbildet med den nye rektoren for høgskolen.

September 8 Oulu Finland. UArctic Conference 2018 in Oulu Sideevent with discussions on indigenous knowledge, ethical guidelines, sustainable goals, climate change - research and education.
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/
Teaching students from Sakha Yakutia, Ugra, Yamal and Japan about Arctic Cooperation and Adaptation 2 x 45 min in cooperation with Northern Forum
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
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/
User-oriented dissemination measures Reports, notes, articles, lectures at meetings / conferences address the target groups in the project:
Vera Cheboksarova and Valentina Tokhtosova Yukagir: Ancient foods from fish and reindeer //Indigenous Youth, Food Knowledge and Arctic change EALLU/ International Centre for Reindeer Husbandry (ICR) Report 2017:1, Norway, 2017 2nd edition, 2018, P. 113 - 117 .

Prosjekter i regi av International Centre for Reindeer Husbandry med samarbeidspartnere

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. International Centre for Reindeer Husbandry (ICR); Et kunnskapssenter	Prosjekt
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.	Prosjekt International Centre for Reindeer Husbandry (ICR); Et kunnskapssenter/ Samisk høgskole
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.	Prosjekt Arctic Indigenous Peoples' Culinary Institute:

<p>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.</p>	<p>International Centre for Reindeer Husbandry (ICR); Et kunnskapssenter</p>
--	--



Kontakt oss



International Centre for Reindeer Husbandry

Международный Центр Оленеводства

Riikkaidgaskasaš Boazodoalloguovddáš



78 60 76 70



office@reindeercentre.org



www.reindeerherding.org

