

CV

Grete Kaare Hovelsrud

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UNIVERSITY EDUCATION

DOCTOR OF PHILOSOPHY. Social Anthropology, Brandeis University, Massachusetts, USA,

Dissertation: The Seal: Integration of an East Greenlandic Economy. 1997

MASTER OF ARTS, Social Anthropology Brandeis University. MA Thesis: On the Concept of 'Subsistence' in the Literature on Arctic Mixed Cash/Subsistence Economies. 1992

BACHELOR OF ARTS, Anthropology, University of Colorado, Boulder, USA 1987

Graduate student at the Department of Social Sciences, University of Tromsø, Norway. 1988

'Grunnfag sosialantropologi' and 'Examen Philosophicum'. University of Bergen, Norway 1984

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PROFESSIONAL WORK EXPERIENCE

Current Positions

Professor in Environmental Sociology Nord University, Bodø, Norway 2014 -

Senior Researcher Nordland Research Institute (Nordlandsforskning) 2014 -

Senior Researcher Centre for International Climate and Environmental Research-Oslo
CICERO 2015 -

President Norwegian Scientific Academy for Polar Research 2018 -

President IASSA international Arctic Social Sciences Associations 2021 -

Research Positions and Experience

Research Director, Nordland Research Institute (Nordlandsforskning) P.O. Box 1490, N-8049, Bodø, Norway. 2010 – 2014

Senior Research Fellow, Centre for International Climate and Environmental Research-Oslo CICERO
P.O. Box 1129, Blindern, 0318 Oslo, Norway. 2008 – 2012

Research Director, CICERO, Oslo Norway. 2004 –2008

Field work Northwest Greenland by sail boat. Summer 2011

Associate, Harvard University, Kennedy School of Government. 2003 - 2005

Marine Policy Fellow, Marine Policy Centre, Woods Hole Oceanographic Institution (W.H.O.I),
Massachusetts, USA. 1998 - 1999

Guest Investigator, Marine Policy Centre, Woods Hole Oceanographic Institution 1997 - 1998

Research Associate, Anthropology Department Brandeis University 1996 - 2000

Field research in Greenland on the Greenlandic Home Rule government's policies on sustainable use of marine mammals in the hunting communities in Greenland. Comparison of Canadian and Greenlandic policies, over time with respect to marine mammals and sustainable use. 1997 - 1999

Lecturer Massachusetts Institute of Technology MIT, Anthropology Program 1997-1998

Lecturer Bentley College, Massachusetts Spring 1997

Sea going technician in Antarctica, on R/V Nathaniel Palmer, for W.H.O.I. 1996

Field research East Greenland: Dissertation research in the village of Isertoq, East Greenland. Focus on the socio-economic organisation of contemporary seal hunting households in the context of an international protest against sealing. 1992, 1994 - 1995

Sea going technician in Southern Atlantic on R/V Maurice Ewing for W.H.O.I 1992
Geological field assistant on the Svalbard Archipelago for W. H. O. I. 1988
Research Assistant for Dr. Michael Bell, Dept. of English, Univ. of Colorado, Boulder, USA. 1986-87
Geological field assistant on the Svalbard Archipelago for the Institute of Arctic and Alpine Research INSTAAR - University of Colorado, Boulder. 1984
Research Assistant, Department of Arctic Biology, University of Tromsø, Norway. 1982-84
Field Assistant for Norway's UNESCO's Man and the Biosphere (MaB) Program in Svalbard, for Drs. N. A. Øritsland and N. J. C. Tyler. Administered by the Norwegian Polar Institute. Project: A study of Svalbard reindeer, its physiology, ecology, and behaviour. 1981-1983

Leadership and Administrative Work Experience

Research Director of the research group on Environment and Society 2010 - 2014
Research Director of the research group Impacts and Adaptation to Climate Change, CICERO, Oslo Norway, 2004 –2008
General Secretary, North Atlantic Marine Mammal Commission – NAMMCO – an intergovernmental organisation with member countries; Greenland, Faroe Islands, Iceland and Norway, 1999-2004
Owner and administrator of small business operation in Sandvika, Norway, 1976 – 1987

Other Science Related Experience

Guest Editor: Sustainability, Special Issue Shaping Tomorrow's Arctic 2020 -
Guest Editor: Weather Climate and Society, Special Collection Sustainable Climate Adaptation 2020-
Editorial Board Member Palgrave Studies in Environmental Sociology and Policy. Springer Nature. 2017-
Lead Author Adaptation Action to Change in the Arctic (2013 -)
Lead Author Arctic Human Development Report II – an Arctic Council project 2011 – 2014
Lead Author Arctic Resilience Interim and Final Reports – an Arctic Council project 2012 - 2015
Lead Author Intergovernmental Panel on Climate Change (IPCC) WGII AR5 Chapter 12 Human Security 2010 - 2014
Contributing Author: IPCC WGII AR5 Chapter 28 Polar Regions 2012 - 2014
Associate Editor: Global Environmental Change 2013 - 2015
Guest Editor: Local Environment – Special Issue 2013
Guest Editor: Local Environment – Special Issue 2012
Associate Editor: Weather, Climate and Society. J. of the American Meteorological Society 2009 -

Boards and Committees

Current Positions on Boards and Committees (a selection)

Member: The Climate Network – klimanettverket (Nordland Fylkeskommune) 2010 -

Previous Positions on Boards and Committees (a selection)

Member of the Portfolio Board Climate and Polar Research, Research Council of Norway 2019 – 2021
The Research Board, Division on Energy Resources and the Environment at the Research Council of Norway 2011 – 2018
Vice-President: The Norwegian Scientific Academy for Polar Research 2014 -2018
Council member: International Arctic Social Sciences Association 2014 - 2017
Scientific Committee member Nordic Adaptation Conference, 2012 – 2016
Member: The Executive Committee, Arctic Human Development Report II March 2011 - 2014
Member of The Norwegian Governmental Commission on Vulnerability and Adaptation to climate change 2008 – 2010
Member of Arctic Centre Scientific Advisory Board, Rovaniemi, Finland 2009 – 2012
Council Member: The International Arctic Social Sciences Association (IASSA) 2008 – 2011
Member: The MIT Fab-Lab at Høylandet, Norway Advisory Board 2009 - 2013
Member: The University of the Arctic Global Change Thematic Network – EALÁT

Member of the ICSU/WMO International Polar Year (IPY) 2007- 2008 Joint Committee 2004 – 2010
Vice-chair of the Norwegian National Committee for the IPY 2007- 8, 2004 - 2011
Co-Chair of the International Study of Arctic Change (ISAC) program 2006-2008
Member: Arctic Vulnerability Study Harvard University
Steering Committee Arctic Human Development Report (Arctic Council) 2000 - 2004
Steering Committee Arctic Social Indicators Report (Arctic Council) 2000 - 2004
Board member the Polar Museum, Tromsø, Norway 2002-2004
Vice-Chair, Arctic Society, Tromsø 2000 – 2004

Professional Affiliations

The Norwegian Scientific Academy for Polar Research 2013 –
International Arctic Social Sciences Association 1990 -
American Anthropological Association 1989 –1999
American Association of University Women 1986 –1998
Society for Economic Anthropology 1989 – 2007
Sosialantropologisk Forening

RESEARCH

Specialisation and Research Interests (details available)

Interdisciplinary studies of resilience, adaptation and transformation to climatic and other changing conditions, and resilience and adaptive capacity of coupled social-ecological systems in the polar region; of the transformation of society and communities in the context of interacting climatic and societal change. The role of culture in climate adaptation in a comparative frame, the adaptive capacity of local communities in multi-scalar context; barriers and constraints of adaptation in the northern regions and Small Island Developing States. The theoretical and methodological frameworks consider multiple stressors (factors) of relevance to the coupled systems (e.g. climate, and other environmental factors, globalisation, and socio-economic aspects). Circumpolar studies, economic anthropology of natural resource use, political anthropology of the environment and ecology, cross-cultural cross-scale comparisons Cultural theory of risks; co-production of knowledge; perceptions of resilience and risks.

Selected Projects

Current and ongoing projects

- FACE-IT: The future of Arctic coastal ecosystems - Identifying transitions in fjord systems and adjacent coastal areas. Member management group, WP Lead. (2020-2024 EU Horizon 2020)
- Sustainable Tourism in Svalbard: A Balancing Act. Project Manager, WP Lead. (2020-2024 Research Council of Norway (RCN))
- TourRisk A resilient low-carbon, high-yield tourism model for Norway. (RCN 2020-2024)
- TRANSFORM Local transformation towards a low-emission society. (RCN 2017-2021)
- CLINF Nordic Centre of Excellence in Arctic Research. Climate change effects on the epidemiology of infectious diseases and the impacts on Northern societies. (Nordforsk 2016 – 2021)

Previous projects

CoastChange SUSTAINABLE COASTS? Public and scientific perceptions of drivers affecting coastal zone management and ecosystem services. (RCN 2016-2019)
AcidCoast Adapting Coastal Zone Management to Ocean Acidification (RCN 2016-2019)
PITCH Primary Industries and Transformational Change (KLIMAFORSK Research Council of Norway - RCN)
ACHILLES Arctic climate change induced hazards and social transformations for upholding local livelihoods, safety and wellbeing (RCN 2014 – 2018).

ArcticChallenge Arctic Petroleum Development As A Challenge To Societies: A Comparative Look At Norwegian, Greenlandic And Us/ Alaskan Case Sites (RCN 2014 – 2018).

CAVIAR-II, Critical Aspects of Adaptive Capacity RCN -NORKLIMA/Polar Programmes, Project Manager, WP Lead. (RCN 2011 – 2014)

AquaClimate - Aquaculture, Climate Change, and Knowledge: Adaptation and Innovation (Project Manager, WP Lead (Regional Research Fund, Northern Norway RFF 2013 – 2016).

Arctic Resilience Report, Lead Author (Arctic Council 2012 – 2013).

Arctic Human Development Report-II, Lead Author. (Arctic Council 2011 – 2014)

SWIPA (Snow, Water, Ice, Permafrost in the Arctic). Lead Author (Arctic Council 2009 – 2011).

Climate and Agriculture, Project Manager (RCN 2008 – 2011).

NORADAPT Community Adaptation and Vulnerability in Norway, Project Manager WP Lead (RCN 2007 – 2011).

CAVIAR Community Adaptation and Vulnerability in the Arctic Regions. An IPY 2007-2008 consortium Project Manager, (RCN 2006 – 2010).

DAMOCLES (Developing Arctic Modelling and Observing Capabilities for Long-term Environmental Studies), WP Lead. (EU 6th Framework Programme 2007 – 2011).

SEARCH for DAMOCLES WP Lead (EU 6th Framework Programme).

PLAN – Klimatilpasning i Norge, Sub-project/WP Lead. (RCN 2007 – 2011).

ACTOR – Tourism and Climate Change, Co-Project Lead (RCN 2008 – 2011).

NORACIA, Sub-project leader (Ministry of Environment 2007 – 2010).

Many Strong Voices, Project Manager Norwegian Ministry of Foreign Affairs (2006-2008)

PUBLICATIONS LISTED IN THE FOLLOWING ORDER

Peer reviewed journal articles

Peer reviewed books

Peer reviewed chapters in books and reports

Reports, proceedings, newsletters - not peer reviewed

Popularising science in the media (publications and presentations)

Conference presentations 2008 – 2013 / 2014

Peer Reviewed Journal Articles

Westskog Hege, Nils Aarsæther, Grete K. Hovelsrud, Helene Amundsen, Jennifer Joy West, Ragnhild Freng Dale. The transformative potential of local-level planning and climate policies. Case studies from Norwegian municipalities (2022). Cogent Social Sciences. <https://doi.org/10.1080/23311886.2022.2033457>

Risvoll, Camilla, Grete K. Hovelsrud, and Jan Åge Riseth (2022). Falling between the Cracks of the Governing Systems: Risk and Uncertainty in Pastoralism in Northern Norway. *Weather, Climate and Society*, Vol. 14: 191-204. DOI: 10.1175/WCAS-D-21-0052.1

Kaltenborn, Bjørn P., Jenny F. Kaltenborn, Barbara B. Baczynska, Just Kornfeldt and Grete K. Hovelsrud (2021) Media Coverage of Environmental and Social Change in Northern Norway's Coastal Regions: Main Themes in National and International News. *ARCTIC VOL. 74, NO. 2 (JUNE 2021) P. 152–166*
<https://doi.org/10.14430/arctic72474>

Hovelsrud, Grete K. Siri Veland, Bjørn Kaltenborn, Julia Olsen and Halvor Dannevig 2021, Sustainable Tourism in Svalbard: Balancing economic growth, sustainability and environmental governance. *Polar Record*. Cambridge University Press. DOI:10.1017/S0032247421000668

Olsen Julia, Marina Nenasheva, Grete K. Hovelsrud, Gjermund Wollan, (2021). Arctic communities' social capital and viability: a case study from the Arkhangelsk region. Arctic and North. <http://www.arcticandnorth.ru/en/>

Karlsson, Marianne and Grete K. Hovelsrud, (2020) "Everyone comes with their own shade of green": Negotiating the meaning of transformation in Norway's agriculture and fisheries sectors. Journal of Rural Studies, <https://doi.org/10.1016/j.jrurstud.2020.10.032>

Hovelsrud G.K, B.P. Kaltenborn & J. Olsen (2020) Svalbard in transition: adaptation to cross-scale changes in Longyearbyen, The Polar Journal, <https://doi.org/10.1080/2154896X.2020.1819016>

van Oort Bob E. H., Grete K. Hovelsrud, Camilla Risvoll, Christian W. Mohr and Solveig Jore. 2020 A Mini-Review of Ixodes Ticks Climate Sensitive Infection Dispersion Risk in the Nordic Region Int. J. Environ. Res. Public Health 2020, 17, 5387; <https://doi:10.3390/ijerph17155387>

Dannevig Halvor, Grete K. Hovelsrud, Erlend A.T. Hermansen and, Marianne Karlsson (2020): Culturally sensitive boundary work: A framework for linking knowledge to climate action. Environmental Science and Policy 112 (2020) 405–413. <https://doi.org/10.1016/j.envsci.2020.07.002>

Santos Pablo R.N., Nikolai Holm, Julia Olsen, Grete K. Hovelsrud (2020) Gender and climate change: moving beyond transforming adaptation. In: Heininen, L., H. Exner-Pirot and J. Barnes (eds.) (2020). Arctic Yearbook 2020. Akureyri, Iceland: Arctic Portal. <https://arcticyearbook.com/>

Sandersen Håkan T., Julia Olsen, Grete K. Hovelsrud, Arild Gjertsen. (2020). Climate change in Norwegian Arctic aquaculture: Knowledge, relevance and adaptation. In: Heininen, L., H. Exner-Pirot and J. Barnes (eds.) (2020). Arctic Yearbook 2020. Akureyri, Iceland: Arctic Portal. <https://arcticyearbook.com/>

Olsen Julia, Nenasheva Marina, Grete K. Hovelsrud (2020) 'Road of Life': Changing Navigation Seasons and Adaptation of Island Communities in the Russian Arctic. Polar Geography. <https://doi:10.1080/1088937X.2020.1826593>

Kaltenborn, Bjørn P. Willy Østreng & Grete K. Hovelsrud (2019): Change will be the constant – future environmental policy and governance challenges in Svalbard, Polar Geography Volume 43, 2020 - Issue 1: pp. 25-45 <https://doi.org/10.1080/1088937X.2019.1679269>

Dannevig Halvor, Kyrre Groven, Grete K. Hovelsrud, Aase Kristine Lundberg, Richard G. Bellerby, Philip Wallhead, Malinda Labriola. A framework for agenda-setting ocean acidification through boundary work. Environmental Science and Policy 95 (2019) 28-37. <https://doi.org/10.1016/j.envsci.2019.02.001>

Rybråten Stine, Bjørkan Maiken, Hovelsrud Grete K. & Kaltenborn Bjørn P. (2018): Sustainable coasts? Perceptions of change and livelihood vulnerability in Nordland, Norway. Local Environment, <https://doi.org/10.1080/13549839.2018.1533931>

Hovelsrud, Grete, Marianne Karlsson and Julia Olsen. Prepared and flexible: local adaptation strategies for avalanche risk. Cogent Social Sciences (2018), 4: 1460899. <https://www.cogentoa.com/article/10.1080/23311886.2018.1460899>.

Amundsen Helene, Grete K Hovelsrud, Carlo Aall, Marianne Karlsson and Hege Westskog. 2017 Local governments as drivers for societal transformation: towards the 1.5 °C ambition. Current Opinion in Environmental Sustainability 2018, 31:23–29. Themed issue on Sustainability governance and transformation. Edited by Bronwyn Hayward and Linda Sygna. <https://doi.org/10.1016/j.cosust.2017.12.004>

- Westskog, Hege, Grete K. Hovelsrud and Gøran Sundquist (2017) How to make local context matter in national advice: Towards adaptive comanagement in Norwegian climate adaptation. *Weather, Climate and Society* DOI: <http://dx.doi.org/10.1175/WCAS-D-16-0063.1>,
- Risvoll, Camilla. & Grete. K. Hovelsrud (2016) Pasture access and adaptive capacity in reindeer herding districts in Nordland, Northern Norway, *The Polar Journal*, 6:1, pp: 87-111.
DOI: 10.1080/2154896X.2016.1173796
- Dannevig, Halvor and Grete K. Hovelsrud. 2017 Author response to the commentary by A. L. Bercht on "Understanding the need for adaptation in a natural resource dependent community in Northern Norway: issue salience, values and worldviews." *Climatic Change*. DOI 10.1007/s10584-017-2063-4
This reply refers to the comment available at <https://doi.org/10.1007/s10584-017-2061-6>
- Dannevig Halvor and Grete K. Hovelsrud 2016. Understanding the need for adaptation in a natural resource dependent community in Northern Norway: issue salience, knowledge and values. *Climatic Change* March 2016, Volume 135, Issue 2, pp 261–275; DOI:10.1007/s10584-015-1557-1 · 3
- Karlsson Marianne and Grete K. Hovelsrud 2015. Local collective action: Adaptation to coastal erosion in the Monkey River Village, Belize. *Global Environmental Change* Volume 32, May 2015, Pp 96–107
- Aall, C., Juhola, S., & Hovelsrud, G. K. (2015). Local Climate Change adaptation: Moving from adjustments to transformation? *Local Environment*, 20(4), 401-407.
- Rebours, Céline, Eliane Marinho-Soriano, José A. Zertuche-González, Leila Hayashi, Julio A. Vásquez, Paul Kradolfer, Gonzalo Soriano, Raul Ugarte, Maria Helena Abreu, Ingrid Bay-Larsen, Grete Hovelsrud, Rolf Rødven and Daniel Robledo 2014. Seaweeds: an opportunity for wealth and sustainable livelihood for coastal communities. *J Appl Phycol*. October 2014, Volume 26, Issue 5, pp 1939-1951. DOI 10.1007/s10811-014-0304-8
- Meier, Walter N., Grete K. Hovelsrud, Bob E.H. van Oort, Jeffrey R. Key, Kit M. Kovacs, Christine Michel, Christian Haas, Mats A. Granskog, Sebastian Gerland, Donald J. Perovich, Alexander Makshtas, James D. Reist (2014) Arctic sea ice in transformation: A review of recent observed changes and impacts on biology and human activity. *Reviews of Geophysics*, 51, doi:10.1002/2013RG000431.
- Orlove, Ben, Heather Lazrus, Grete K. Hovelsrud and Alessandra Giannini,(2014). Recognitions and Responsibilities: On the Origins and Consequences of the Uneven Attention to Climate Change around the World, *Current Anthropology*. Volume 55, Number 3, June 2014.
- Hovelsrud, Grete K. and Halvor Dannevig (2014). Community Adaptation, Arctic. In: Michalos AC (Ed.). *Encyclopedia of Quality of Life and Well-Being Research*. Springer, Dordrecht, Netherlands: Springer, pp 1044-1046.
- Dannevig Halvor, Grete K. Hovelsrud and Idun A. Husabø. 2013 Driving the agenda for climate change adaptation in Norwegian Municipalities. *Environment & Planning C: Government & Policy* 31 (3), 490 – 505.
- Dannevig, Halvor, Trude Rauken and Grete K. Hovelsrud. 2012. Implementation of adaptation at the local level. *Local Environment Special Issues* Vol 17 No. 6-7, July/August 2012 pp597 - 612.
doi/abs/10.1080/13549839.2012.678317
- Aall Carlo, Annika Carlsson-Kanyama & Grete Hovelsrud (2012). Local climate change adaptation: missing link, Black Jack or blind alley? Editorial, *Local Environment: The International Journal of Justice and Sustainability*, 17:6-7, 573-578 <http://dx.doi.org/10.1080/13549839.2012.699772>

Kelman I., Rauken T., Hovelsrud G. 2012. Local Business perceptions of weather Impacts on tourism in Svalbard, Norway. *The Northern Review* 35:96-125.

Olsen, M. S. T. V. Callaghan, J. D. Reist, L. O. Reiersen, D. Dahl-Jensen, M. A. Granskog, B. Goodison, G. K. Hovelsrud, M. Johansson, R. Kallenborn, J. Key, A. Klepikov, W. Meier, J. E. Overland, T. D. Prowse, M. Sharp, W. F. Vincent, J. Walsh. 2011. The Changing Arctic Cryosphere and Likely Consequences: An Overview *AMBIO: A Journal of the Human Environment* December 2011 : Vol. 40, Issue sp1 (Dec 2011), pg(s) 111-118.

Keskitalo E. Carina H., Halvor Dannevig, Grete K. Hovelsrud, Jennifer J. West, and Åsa G. Swartling. 2011. Local vulnerability and adaptive capacity in developed states: examples from the Nordic countries and Russia. *Regional Environmental Change* 11(3): 579-592. DOI 10.1007/s10113-010-0182-9

Kvalvik Ingrid, Sigridur Dalmannsdottir, Halvor Dannevig, Grete Hovelsrud, Lars Rønning, and Eivind Uleberg. 2011. Climate change vulnerability and adaptive capacity in the agricultural sector in Northern Norway. *Acta Agricultura Scandinavica. Section B – Soil and Plant Science, Supplement* 61: 1 27-37.

Rauken, Trude, Ilan Kelman, Jens Kr. Steen Jakobsen and Grete K. Hovelsrud. 2011. Who can stop the rain? Perceptions of summer weather effects among small tourism businesses. *Anatolia: An International Journal of Tourism and Hospitality Research*. Volume 21, Number 2. Pp. 289-304.

Hovelsrud, G. K., Poppel, B., & van Oort, B. (2011). Arctic societies, cultures and peoples in a changing cryosphere. *AMBIO*, 40, 100-110.

West, J. and G.K. Hovelsrud. 2010. Cross-scale adaptation challenges in the coastal fisheries: findings from Lebesby, Northern Norway. *Arctic* 63(3): 338-354.

Hovelsrud, Grete K., Meghan McKenna, Henry H. Huntington. 2008. Marine Mammal Harvests and other Interactions with Humans, (Special Issue Article). *Arctic Marine mammals and Climate Change* Eds. Henry Huntington and Sue Moore. *Ecological Applications*. 100 (2): 135-147

Ragen, Timothy J., Henry H. Huntington, and Grete K. Hovelsrud. 2008. Conservation of Arctic Marine Mammals in the Face of Climate Change (Special Issue Article) *Arctic Marine mammals and Climate Change* Eds. Henry H. Huntington and Sue Moore. *Ecological Applications*. 100 (2): 166-174.

Tyler Nicholas; JM Turi; MA Sundset; K Strøm Bull; MN Sara; E Reinert; N Oskal; C Nellemann; JJ McCarthy; SD Mathiesen; ML Martello; OH Magga; GK Hovelsrud; I Hanssen-Bauer; NI Eira; MG Eira; RW Corell. 2007. Saami reindeer pastoralism under climate change: applying a generalised framework for vulnerability studies to a sub-Arctic social-ecological system. *Global Environmental Change* 17: 191-20.

Turner, B.L. II, Pamela A. Matson, James J. McCarthy, Robert W. Corell, Lindsey Christensen, Noelle Eckley, Grete K. Hovelsrud-Broda, Jeanne X. Kasperson, Roger E. Kasperson, Amy Luers, Marybeth L. Martello, Svein Mathiesen, Rosamond Naylor, Colin Polsky, Alexander Pulsipher, Andrew Schiller, Henrik Selin, and Nicholas Tyler. 2003. Illustrating the coupled human-environment system for vulnerability analysis: Three case studies. *PNAS - Proceedings of the National Academy of Sciences*, 100 (3) 8080-8085. United States of America.

Hovelsrud-Broda G.K. 2000. Transfers, Transactions, and Sharing: A Critique of the Concept of Generalized Reciprocity. Special Issue on the Concept of Sharing. Eds. G. W. Wenzel and G. K. Hovelsrud-Broda. 2000. *Senri Ethnological Studies* no 53: 193 - 215. National Museum of Ethnology, Japan

Wenzel, G.W, G. k. Hovelsrud-Broda and N. Kishigami. 2000. Introduction: Social Economy of Modern Hunter-Gatherers: Traditional Subsistence New Resources. Special Issue on the Concept of Sharing. Eds. G. W. Wenzel and G. K. Hovelsrud-Broda. 2000. *Senri Ethnological Studies* no 53: 1 - 7. National Museum of Ethnology, Japan

Wenzel G. W. and G. K. Hovelsrud-Broda. Eds. 2000. Special Issue on the Concept of Sharing. *Senri Ethnological Study Series*. National Museum of Ethnology, Japan

Hovelsrud-Broda G.K. The Integrative Role of Seals in an East Greenlandic Hunting Village. *Arctic Anthropology* v36 1-2. November-December 1999: 37-50.

Hovelsrud-Broda G.K. 1999. Review of *Inuit, Whaling, and Sustainability*, by Milton M.R. Freeman, Lyudmila Bogolovskaya, Richard A. Caulfield, Ingmar Egede, Igor I. Krupnik, and Marc G. Stevenson. Walnut Creek, CA: AltaMira Press (1998), 208 pp. Book Review in *Journal of Political Ecology* 6, (1999).

Hovelsrud-Broda G.K. Arctic Seal-Hunting Households and the Anti-Sealing Controversy. 1997. *Research in Economic Anthropology*. Vol. 18: 17-34.

Peer Reviewed Books

Hovelsrud G.K. and B. Smit, Editors 2010. *Community Adaptation and Vulnerability in the Arctic Regions*. **Dordrecht**, Springer Publishers 353 pp.

O'Brien Karen, Siri Mittet, Eva Bakkeslett, Siri Eriksen, Inger Hanssen-Bauer, Grete Hovelsrud, Tor Håkon Indreberg, Cathrine Ruud, Inger –Lise Saglie, Linda Sygna 2012. *Klimatilpasning. Hva betyr det for meg?* UniPub (Univ i Oslo, Norges Forskningsråd og PLANprosjektet).

Chapters in Peer Reviewed Books and Reports

Hovelsrud, Grete K. and Malinda Labriola (2021) Rate and Magnitude: The Heart of Scientific Concern. A Story about Coproducing Knowledge in East Greenland, Ch 19 pp 205-215. In *Whither the Arctic Ocean? Research, Knowledge Needs, and Development en Route to the New Arctic*. Paul Wassmann (Ed.) Fundación BBVA, 2021, Plaza de San Nicolás, 4. 48005 Bilbao www.fbbva.es
<https://www.biophilia-fbbva.es/en/publicaciones/whither-the-arctic-oceanresearch-knowledge-needs-and-development-en-route-to-the-new-arctic->

Hovelsrud G.K. C. Risvoll, H. Tømmervik, Anna Omazic and Ann Albihn et al. (2020). Chapter 6. Reindeer herding and coastal pastures: Adaptation to multiple stressors and cumulative effects. In *Nordic Perspectives on the Responsible Development of the Arctic: Pathways for Action*. Ed. Douglas Nord. Springer 2020.

Olsen, J.; Hovelsrud, G. K.; Kaltenborn, B. P. (2020) Increasing Shipping in the Arctic and Local Communities' Engagement: A Case from Longyearbyen on Svalbard. In: *Arctic marine sustainability: Arctic maritime businesses and the resilience of the marine environment*. Eds. Pongrácz Ę. et al. Springer Nature 2020. Switzerland https://link.springer.com/chapter/10.1007/978-3-030-28404-6_14

Hovelsrud Grete K. and Helene Amundsen. 2017 *Adaptation options*. AMAP, 2017: 219-244. *Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area*. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xiv + 267pp. ISBN –13 978-82-7971-102-5

Nilsson, Annika and Grete K. Hovelsrud. 2017 Synthesis. Pages 253-266. IN: AMAP, 2017. Adaptation Actions for a Changing Arctic: Perspectives from the Barents Area. Arctic Monitoring and Assessment Programme (AMAP), Oslo, Norway. xiv + 267pp ISBN –13 978-82-7971-102-

Bay-Larsen Ingrid and Grete K. Hovelsrud (2017) Activating Adaptive Capacities: Fishing Communities in Northern Norway Chapter 10 pp 123-134. In: Northern Sustainabilities: Understanding and Addressing Change in the Circumpolar World Editors: Fondahl, Gail, Wilson, Gary N (Eds.) •ISBN 978-3-319-46150-2

Arctic Council (2016). Arctic Resilience Report. M. Carson and G. Peterson (eds). Stockholm Environment Institute and Stockholm Resilience Centre, Stockholm. <http://www.arctic-council.org/arr>. Annika E. Nilsson, Hovelsrud Grete K., Helene Amundsen, Tahnee Prior, and Martin Sommerkorn Chapter 7 Building capacity to adapt to and shape change;

Grete K Hovelsrud Contributing author in Chapter 4, What factors build or erode resilience in the Arctic?
Grete K Hovelsrud Consulting author: Chapter 5 Shared decision-making in a changing Arctic political landscape and Chapter 6 Learning to live with change

Adger, W.N., J.M. Pulhin, J. Barnett, G.D. Dabelko, G.K. Hovelsrud, M. Levy, Ú. Oswald Spring, and C.H. Vogel, 2014: Human security. In: Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Field, C.B., V.R. Barros, D.J. Dokken, K.J. Mach, M.D. Mastrandrea, T.E. Bilir, M. Chatterjee, K.L. Ebi, Y.O. Estrada, R.C. Genova, B. Girma, E.S. Kissel, A.N. Levy, S. MacCracken, P.R. Mastrandrea, and L.L. White (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 755-791.

Orlove, Ben, Heather Lazrus, Grete K. Hovelsrud and Alessandra Giannini (2015). How Longstanding Debates Have Shaped Recent Climate Change Discourses. pp 48-81. In: Climate Cultures. Anthropological Perspectives on Climate Change. Jessica Barnes and Michael R. Dove Eds. Yale University Press.

Hovelsrud, G.K., West, J. and H. Dannevig (2015) Exploring vulnerability and adaptation narratives among fishers, farmers and municipal planners in Northern Norway, pp 194-212. In: The Adaptive Challenge of Climate Change O'Brien, Karen and Elin Selboe Eds. Cambridge University Press.

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2. Adaptive Capacity and Community Resilience in Northern Norwegian Communities, Helene Amundsen PhD student, CICERO Tromsø, Grete K. Hovelsrud Nordland Research Institute and CICERO
3. "WE WILL FACE IT" The perceived need to adapt in natural resource dependent communities in Northern Norway, Halvor Dannevig, Western Norway Research Institute and Grete K. Hovelsrud, CICERO Presentation for the IPY 2012 Conference, Montreal,

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