



NORDLANDSFORSKNING
NORDLAND RESEARCH INSTITUTE

Siri Veland Curriculum Vitae

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Utdanning

2007-2012 Disputas: 01.04.2012
Department of Human Geography Macquarie University, Australia

2003-2005 Master i Management of Natural Resources and Sustainable Agriculture
Noragric, Norwegian University of Life Sciences

1999-2001 Bachelor of Environmental Science
Department of Geography, Macquarie University, Australia

Arbeidserfaring

2018- Seniorforsker, Nordland Research Institute, Norway

2012- Honorary Associate, Macquarie University Department of Geography and Planning

2017-2019 Lecturer, Department of Geology, San Jose State University

2015-2018 Assistant Professor of Environmental Studies (Research), Institute at Brown for Environment and Society (IBES), Brown University, USA

2013-2014 Postdoctoral Researcher, Institute at Brown for Environment and Society (IBES), Brown University, USA

2014 Visiting scholar, Nordland Research Institute Bodø, Norway (February-March)

2007-2009 Teaching Assistant, Department of Human Geography, Macquarie University

2008-2009 Consultant, University of New South Wales Global

2008-2009 Assistant, Climate Risk Centre of Research Excellence (CoRE) Macquarie University

Pågående prosjekter

2018-2021 Project leader, "Modeling risk of transformative change in a coupled natural-human system at the Arctic ice edge" USD 624,170.00. Unites States National Science Foundation Coupled Natural-Human Systems (CNH), Navigating the New Arctic (NNA)

2018-2021 Project collaborator "Navigating the new arctic (NNA): co-production of shorefast ice knowledge in Uummannaq Bay, Greenland" Unites States National Science Foundation USD 441,962.

2019-2020 Project leader, "Climate system couplings to shipping policy and investments in Svalbard and the High Arctic" NOK 240,000. Research Council of Norway and Svalbard Strategic Grant to hold a workshop about management and sharing of research data, at the Arctic Shipping Forum.

2017-2020 Project collaborator, "Opportunities and trade-offs in managing kelp forest in an era of blue growth (OPTIMAKELP). Leading work package to run workshops in three Norwegian coastal communities on kelp forest management.

Tidligere prosjekter

- 2016-2017 Project coordinator, "Climate change as trigger for innovative practice in smallholder farming systems (Climate Change TIPIFS)" USD 8,000. Brown International Advanced Research Institute (BIARI) Seed Grant
- 2014-2018 Project leader for United States component of "Arctic petroleum development as a challenge to societies: A comparative look at Norwegian, Greenlandic and US case sites (ARCTICCHALLENGE)" USD 175K Norwegian Research Foundation PETROSAM
- 2013-2014. Brown University OVPR Seed Fund Project: "Exploring Knowledge Networks that Shape Arctic Resource Developments" USD 99,417,
- 2007-2012 iMURS International Macquarie University Research Scholarship to support PhD research "Indigenous Responses to Climate-Related Hazards"

Avhandlinger

1. **Veland, S. (2011).** Indigenous Contexts of Climate and Change: Narrating Local Realities Within Global Discourses, PhD thesis Macquarie University, Faculty of Science, Department of Environment and Geography.
2. **Veland, S. (2005)** Building houses on sand: Resilience analysis of erosion, sedimentation and coastal management in Msasani bay, Tanzania. MSc, University of Life Sciences, Norway.

Artikler i referee-baserte tidsskrift

3. **Veland, S.** (in review) "Out of the wild: caring for petroleum and conservation on the North Slope of Alaska" passed editor abstract screening, and paper under review by *Environmental Humanities*.
4. Bjørkan, M., **S. Veland** (2019) "Beyond consensus: perceptions of risk from petroleum developments in Lofoten, Vesterålen, and Senja, Norway", *ICES Journal of Marine Science*, <https://doi.org/10.1093/icesjms/fsz056>
5. Dale, B., **S. Veland**, A. Merrild-Hansen. (2018) "Petroleum as a Challenge to Arctic Societies." *Extractive Industries and Society* Volume 6, Issue 2, April 2019, Pages 367-377. <https://doi.org/10.1016/j.exis.2018.10.002>
6. **Veland, S.**, M. Schoville-Simonds, A.K. Schorre, A. Lynch, M.J. Nordbø, G. Hochachka, I. Gram-Hanssen, A. ElKhoury, M. Bjørkan. (2018) "Narrative matters for sustainability: reaching 1.5°C futures by transforming the role of storytelling". Special issue of *Current Opinion in Environmental Sustainability (COSUST)*, on "1.5°C Climate Change and Social Transformation" 10.1016/j.cosust.2017.12.005
7. Lynch, A.H., Griggs, D., Joachim, L., Salminen, E., Heider, C., Zhu, X., **Veland, S.** (2016) Addressing the Challenges of Diverse Knowledge Systems through Landscape Analysis: A Case Study in the Barmah-Millewa, Australia". *Regional Environmental Change* 17 (3), 767-776. DOI 10.1007/s10113-016-1069-1
8. **Veland, S.** and Lynch, A.H. (2016) "Scaling the Anthropocene: how the stories we tell matter" *Geoforum* 72, 1-5 <http://dx.doi.org/10.1016/j.geoforum.2016.03.006> 0016-7185/
9. **Veland, S.** and Lynch, A.H. (2016) "Arctic ice edge narratives: scale, discourse, and ontological security" *Area* 49 (1), 9-17 doi: 10.1111/area.12270
10. **Veland, S.**, Lynch, A.H., Bischoff-Mattson, Z., Joachim, L., and Johnson, N. (2014) "All Strings Attached: Negotiating relationships of Geographic Information Science". *Geographical Research* 52(3):296-308.
11. Howitt, R., K. Doohan, S. Suchet-Pearson, G. Lunkapis, S. Muller, R. Lawrence, S. Prout, **S. Veland**, and S. Cross. (2013) "Capacity Deficits at Cultural Interfaces of Land and Sea Management." *Reclaiming Indigenous Planning*, edited by R. Walker, Jojola T and D. Natcher. 313-58. Toronto: McGill-Queen's Press-MQUP
12. **Veland, S.**, Howitt, R., Dominey-Howes, D., Thomalla, F. & Houston, D. (2013) Procedural Vulnerability: Environmental Change and Community Resilience in a Remote Indigenous Community. *Global Environmental Change* 23(1): 314-26

13. Howitt, R., Kim D., Suchet-Pearson, S., Cross, S., Lawrence, R., Lunkapis, G.J., Muller, S., Prout, S., and **Veland, S.** (2013). Intercultural Capacity Deficits: Contested Geographies of Coexistence in Natural Resource Management. *Asia Pacific Viewpoint*, Special Issue: New Geographies of Coexistence: reconsidering cultural interfaces in resource and environmental governance.
14. Howitt, R., Havnen, O. and **Veland, S.** 2012. Natural and unnatural disasters: Responding with respect for Indigenous rights and knowledges, *Geographical Research* 50 (1), 47-59
15. **Veland, S.**, Howitt, R. & Dominey-Howes, D. (2010). Invisible institutions in emergencies: Evacuating the remote Indigenous community of Waruwi, Northern Territory Australia, from Cyclone Monica. *Environmental Hazards*, Volume 9(2), 197-214.

Faglig bok utgitt på forlag

16. Lynch, A.H. and **Veland, S.** (2018) *Urgency in the Anthropocene*. MIT Press. ISBN: 9780262535762.

Forskningsrapporter

17. Department of Climate Change. 2009 Indigenous vulnerability to climate change in Northern Tropical Australia. Report to the Australian Government Department of Climate Change (DCC)
18. UNESCO-IOC. 2009 *International Tsunami Survey Team Samoa Interim Report of Field Survey 14th-21st October 2009*. United Nations Educational Scientific and Cultural Organization (UNESCO) and the Intergovernmental Oceanographic Commission (IOC).

Populærvitenskapelige publikasjoner

19. **Veland, S.** 2019. "Worldview" live radio interview with Jerome McDonnell on NPR Radio WBEZ Chicago. 2019-05-16
20. Lynch, A. and **S. Veland.** 2019 "165 – Amanda Lynch & Siri Veland" Cultures of Energy Podcast with Cymene Howe and Dominique Boyer. 2019-02-21 <http://culturesofenergy.com/165-amanda-lynch-siri-veland/>
21. **Veland, S.** and A. Lynch. 2018. "Urgency in the Anthropocene". Podcast with the New Books Network. <https://newbooksnetwork.com/amanda-h-lynch-and-siri-veland-u> 2018-12-03
22. **Veland, S.** 2018. "The Thing to do is to Start Out". Blog entry at MIT Press <https://mitpress.mit.edu/blog/thing-do-start-out> 2018-10-24
23. **Veland, S.** 2017. "Jordbruket spesialiseres til sårbarhet". Op-ed on farming in national Norwegian newspaper *Bergens Tidende* Feb. 20th 2017.

Sertifikater

S4 GIS Institute, Spatial Structures in the Social Sciences. The course familiarizes researchers with tools for raster- and vector-based analyses to achieve competency in using GIS as an analytical tool in their own research. I developed a raster-based sea level analysis for my research with Indigenous communities in Northern Australia, and created urban maps based on public health metrics.

FLO: Facilitating Learning Online, The School of Professional Studies at Brown University. Focusing on the Canvas Instructure online environment, this certificate is based on the 'online course lifecycle', combining pedagogical and technical skills to facilitate an engaging and 'personal' presence online. The certification included weekly collaboration with FLO staff, and resulted in the online Climate and Climate Change course, as well as partially 'flipped classroom' for the in-class version.

Foundations in Learning and Teaching (FILT). Macquarie University's full semester theoretically based pedagogical teaching course for academic staff. I engaged with the University's teaching philosophy, importance of students' learning context, theoretical constructs for curriculum development, teaching, and learning, the importance of varied teaching methods and media platforms to encourage student learning, critically reflecting teaching practice.