



## Curriculum Vitae Maiken Bjørkan (PhD)

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### KEY QUALIFICATIONS

Bjørkans key expertise is related to sustainable development in the marine context in general and management issues in particular. Throughout her career, she has been involved in projects focusing on the co-production of science and policy and hence the role of different types of knowledge in policy processes, including knowledge production processes and organizational issues. Her research interests are related to environmental issues and she has extensive experience using a variety of theoretical frameworks including Actor-Network-Theory, Science and Technology theory, as well as theories related to governance, socio-ecological systems and adaptation to climate change in variety of sectors with a focus on coastal regions. As a postdoc in the EU project GAP2 (7<sup>th</sup> Framework) Bjørkan focused on how to ensure a sustainable development in fisheries based on connecting science with the wider society. With an academic background as both a trained anthropologist and with an interdisciplinary master in fisheries management, she has extensive interdisciplinary experience. She has conducted both short and lengthy fieldwork in a variety of settings and contexts such as Mexico, Spain, the Netherlands as well Denmark and Norway. Her current project portfolio involves issues related to coastal zone management, aquaculture management, fishing tourism, climate change issues and wild salmon management.

### FORMAL TRAINING

2006 – 2011 University of Tromsø: PhD from the Norwegian College of Fisheries Science (NCFS).  
1998 – 2006 University of Bergen: Master of Science in Social Anthropology.  
2003 – 2005 University of Tromsø: Master of Science in International Fisheries Management, (NCFS).

### POSITIONS HELD

2015- Nordland Research Institute, Senior scientist  
2014 – 2015 Rana Innovation Company, project leader and senior advisor  
2012 – 2014 Norwegian College of Fisheries Science, Post doctor position, EU Project GAP2: Connecting Science Society and Policy.  
2014 Visiting researcher ICM-CSIC, Barcelona, Spain  
2007 – 2008 Institute of Marine Research. Registration of data for the IMR databank  
2006 – 2011 University of Tromsø, Norwegian College of Fisheries Science, PhD student.  
2008 Visiting researcher CINVESTAV, Merida, Mexico  
2005 – 2006 University of Tromsø, Norwegian College of Fisheries Science. Scientific research assistant.

### SCIENTIFIC WORK

#### ONGOING PROJECTS

2019 – 2020 Mapping coastal shrimp in Nordland Troms and Finnmark (IMR funded).  
2019 – 2022 Coastal foodscapes – a place-based perspective on heritage rooted in coastal ecosystems. (Norwegian Research Council). WP leader.  
2019 – 2022 Bridging diverse knowledges for improved salmon management: Linking cultural and biophysical dimensions (Norwegian Research Council). WP leader.  
2019 – 2022| Localizing the 2030 Agenda for Sustainable Development for the Barents Sea-Lofoten ecosystem in a changing climate. Norwegian Research Council). WP leader.

- 2018 – 2019 HAVPLAST: Marin plast fra norsk sjømatnæring - kartlegging, kvantifisering og handling (FHF funded). WP leader.
- 2017-2020 AQUAKNOW - Sustainable Aquaculture: Controversy and uncertainty in Knowledge-based Management (Norwegian Research Council, Havbruk2). Post-doc. position.
- 2017-2019 RECFISH – A framework for science-based management of marine recreational fisheries in Norway. (Norwegian Research Council). Senior researcher.
- 2017-2021 University-industry collaboration in Northern Norway: drivers and barriers (Regional funds: RFFNORD). Senior researcher.
- 2017-2019 Smart Spesialisering Følgeforskning (Nordland Fylkeskommune). WP leader.
- 2016-2019 COASTCHANGE - Public and scientific perceptions of drivers affecting coastal zone management and ecosystem services (Norwegian Research Council). Senior researcher.

## PREVIOUS PROJECTS (SELECTION)

- 2015-2017 ARCTIC CHALLENGE- knowledge and climate change in the petroleum industry (Norwegian Research Council). Senior researcher.
- 2015-2018 REGINA - Regional Innovation in the Nordic Arctic and Scotland with a special focus on regions with large-scale projects (Interreg Fund). Senior researcher.
- 2015-2016 KING: Knowledge in borderland (Regional Development Funds). Senior researcher.
- 2014-2016 Adaptation Action for a Changing Arctic (AACA). Senior researcher.
- 2011-2014 GAP 2: Connecting Science, Stakeholders and Policy. EU-funded postdoc position. See [www.gap2.eu](http://www.gap2.eu).
- 2008- 2010 POVFISH: Unravelling the Vicious Circle: Poverty Alleviation and Sustainable Livelihoods in Smallscale Fisheries. See Poverty Mosaics: Realities and Prospects in Small-Scale Fisheries (<http://www.springerlink.com/content/v5076m552726rm7v/>). Project participant.

## PUBLICATIONS

### DISSERTATIONS

- Bjørkan, M. (2011). Fishing for Advice: The Case of the Norwegian Reference Fleet. Faculty of Biosciences, Fisheries and Economics, Norwegian College of Fisheries Science, University of Tromsø. Supervisor Petter Holm. <http://hdl.handle.net/10.037/3770>. Monography.
- Bjørkan, M. (2006). Master thesis UiB, Institute of Anthropology
- Bjørkan, M. (2005). Master thesis UiT, Norwegian College of Fisheries Science, International Fisheries Management.

### SCIENTIFIC PUBLICATIONS IN PEER REVIEW JOURNALS

- Bjørkan, Maiken** and Veland, Siri. (2019). Beyond consensus: Perceptions of risk from petroleum developments in Lofoten, Vesterålen and Senja, Norway. *ICES Journal of Marine Science*. 10.1093/icesjms/fsz056
- Bjørkan, Maiken** and Rybråten Stine. (*Accepted with minor revision, Maritime Anthropological Studies* 2019). The potential impact of sea lice agents on coastal shrimp in Norway: how uncertainty affects risk perception.
- Rybråten, Stine, **Bjørkan, Maiken**, Bjørn Kaltenborn and Grete Hovelsrud (2018). Sustainable coasts? Perceptions of change and livelihood vulnerability in Nordland, Norway. *Local Environment*.
- Vangelsten, BV., Dale, B., Bay-Larsen, I, Gjertsen, A., **Bjørkan, M.**, Fabritius, M., Risvoll, C., Lundberg, A.K., (2018). *Nytt norsk tidsskrift* (3–4) 35. Universitetsforlaget. doi: 10.18261.
- Veland, S, Scoville-Simonds, M., Gram-Hanssen, I., El Houry, A., Schorre, A.K., Lynch, A.H., Hochachka, G. Nordbø, M.J. **Bjørkan, M.** (2017). Narrative matters for sustainability: transforming the role of storytelling to realize 1.5°C futures. *Future Earth: Special issue focusing on social transformation and 1.5°C*.
- Nilsson, A., Bay-Larsen, I., Carlsen, H., van Oort, B., **Bjørkan, M.**, Jylhäe, K., Klyuchnikova, E., Masloboev, V., van der Watt, LM. (2017). Towards Extended Shared Socioeconomic Pathways: A Combined Participatory Bottom-up and Top-down Methodology with Results from the Barents Region, *Global Environmental Change*, <https://doi.org/10.1016/j.gloenvcha.2017.06.001>.
- Maiken Bjørkan**. (2009) Putting MPAs to Work: A Mexican Case Study on Community Empowerment. *Maritime Anthropological Studies Vol 8* (1).
- Jentoft, Svein, van Son, Thijs Christian and **Maiken Bjørkan**. (2007) Marine Protected Areas: a Governance System Analysis. *Human Ecology* vol 35.
- Bjørkan, Maiken** and Marte Qvenild. (2010). The Biodiversity Discourse: Categorisation of Indigenous People in a Mexican Bioprospecting Case. *Human Ecology* vol. 38, no. 2, pp. 193-204.

## BOOK CHAPTERS

- Bjørkan, Maiken** and Hiis Hauge, Kjellrun. (2019). Usikkert om lakselusa: Kunnskapsbasert forvaltning og dilemmaer knyttet til usikkerhet. In H. Ingierd, I. Bay-Larsen & K. H. Hauge (Eds.) *Interessekonflikter i forskning*. Oslo: Cappelen Damm forlag.
- Bjørkan, Maiken**, Joan B. Company, Giulia Gorelli. When fishers take charge: lessons the Palamos red shrimp fishery. (*In press* 2019). In Holm, P., Hadjimichael, M., and Steven Mackinson (Eds.) *Collaborative Research in Fisheries: Co-creating Knowledge for Fisheries Governance in Europe*. Dordrecht: Springer.
- Holm, Petter, **Bjørkan, Maiken**, Aglen, Asgeir, Andersen, Jan. Trapped in the TAC machine: Making a fisheries based indicator system for coastal cod in Steigen, Norway. (*In press* 2019). In Holm, P., Hadjimichael, M., and Steven Mackinson (Eds.) *Collaborative Research in Fisheries: Co-creating Knowledge for Fisheries Governance in Europe*. Dordrecht: Springer.
- Salas, Silvia, **Bjørkan, Maiken**, Bobadilla Felipe og Miguel Angel Cabrera. (2010) *Poverty Mosaics: Realities and Prospects in Small-Scale Fisheries Addressing Vulnerability: Coping Strategies of Fishing Communities in Yucatan, Mexico*. Springer.

## REPORTS AND WORKING PAPERS

- Holm, Petter and **Bjørkan, Maiken**. (2011). Rapport om den nye Havressursloven: forvaltningsprinsippet. Publisering: Unntatt offentlighet.
- Bowering, Ray, Storr-Paulsen, Maria, Tingley, Geoff, **Bjørkan, Maiken**, Vølstad, Jon Helge, Gullestad, Peter and Elling Lorentsen. (2011). Evaluering av Referanseflåten: Rapport til Havforskningsinstituttet fra en internasjonal komité Publisering: Havforskningsinstituttet: ([http://www.imr.no/filarkiv/2011/10/evaluering\\_av\\_den\\_norske\\_referanseflaten\\_norsk\\_versjon\\_.pdf/nb-no](http://www.imr.no/filarkiv/2011/10/evaluering_av_den_norske_referanseflaten_norsk_versjon_.pdf/nb-no)).
- Oort, Bob van; **Bjørkan, Maiken**, Klyuchnikova, Elena M. (2015). Future narratives for two locations in the Barents region. Technical report for the Arctic Council. CICERO Report; 2015:06.
- Antonsen, K, Bjørkan M og Keno Ferter. fishing tourism. (2016). Working Paper.

## ORGANISING WORKSHOPS

- Organizing a workshop addressing local development in line with Smart Specialization Strategies for Brønnøy municipality. 2017
- Organizing a workshop addressing local development in line with Smart Specialization Strategies for Storuman municipality. 2016.
- Organizing and co-chairing a workshop addressing Large-Scale Algae Cultivation. 2016. Participants from national, regional and local authorities and businesses participated.
- Organizing and co-sharing a workshop addressing climate changes in Nordland. 2015. Participants from national, regional and local authorities and businesses participated.
- Organizing a number of seminars and workshops for Rana Innovation company. (2014-2015), i.e., Byromsseminaret for Rana municipality as a part of their strategical development of Mo City together with Nordland County.

## POSITIONS OF TRUST

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| 2019          | Member of ICES Expert Group: WG ICES SOCIAL  |
| 2019          | Peer reviewer, <i>Ecology and Society</i> .  |
| 2016          | Member Expert Committee: Evaluate the three duties of the «duty-delivery system». Ministry of Trade, Industry and Fisheries. |
| 2014          | Member of evaluation committee for research position, UiT  |
| 2013          | Member of evaluation committee for PhD fellow position, UiT  |
| 2013- 2014    | Board member University of Tromsø.   |
| 2011- Current | Peer reviewer, <i>Human Ecology</i> .  |
| 2011          | Member Expert Committee: Evaluation of the Norwegian Reference Fleet. Institute of Marine Research.                          |