

CURRICULUM VITAE Margrethe Aanesen

DATE OF BIRTH: 15.april 1964

AFFILIATION: Center for applied research (SNF), Norwegian School of Economics and Business, Helleveien 30, 5045 Bergen, Norway, email: Margrethe.aanesen@snf.no

EDUCATION: Cand oecon (University of Oslo), 1989; PhD, National Economics (University of Tromsø), 2006

Margrethe Aanesen (female), senior researcher at Centre for applied research, worked in applied science for more than 20 years, leading numerous research projects. During the decade 2009-2019 she worked at UiT Arctic University of Norway (former University of Tromsø), first as a post doc, and next as researcher, associate professor and from 2016 as full professor. During her time at UiT she supervised (and still supervises) 6 PhD students, and 7 Master students. She was responsible for developing undergraduate courses in economic analyses (cost-benefit, CBA) and resource economics at her department, and taught regularly in master and PhD courses. In these years, she also participated and led several research project. In 2020 she returned to applied science, and is now affiliated with Centre for applied research at Norwegian School of Economics and Business. Her research spans from economic analyses (cost-benefit) of public projects and policies, management of the natural environment, with a specialization in game theory (PhD and post doc), and management of natural resources with a specialization in economic valuation of non-market goods and services, mainly ecosystem services (most recent research). Aanesen applies mainly quantitative methods and approaches. Her research on valuation of non-market goods and services includes extensive use of statistical models, and results from these models are usually combined with bio-economic modelling or CBA analyses. Empirically, her recent research has been concentrated on marine resources, and Arctic regions, including Northern Norway, Svalbard and the circumpolar Arctic.

MAIN EMPLOYMENTS

1989-2009	NORUT Tromsøe (originally a center for applied research at University of Tromsø); Researcher
1996-1997	University of Tromsøe, Norway: lecturer (amanuensis)
1998-2001	Norwegian Research Council, Ph.D scholarship
2002-2004	University of Hamburg, Germany: Scientific Assistant
2009-2010	University of Tromsøe/Norwegian College of Fisheries Science, Norway, Post Doc
2010-2012	University of Tromsøe/Institute for Arctic and Marine biology, Norway, researcher
2012-2014	University of Tromsøe/Norwegian College of Fisheries Science, researcher
2014-2016	University of Tromsøe/Norwegian College of Fisheries Science, associate professor
2016-2019	UiT – Arctic University of Norway (former University of Tromsøe)/Norwegian College of Fisheries Science, Professor
2020 -	SNF – Center for applied Research, Norwegian School of economics and Business, senior researcher

Recent Projects

2019-2022	Norwegian aquaculture – in the span between domestic social acceptance and foreign market demands (BALANCE). Budget 8,8 NOK, Funded by Norwegian Research Council. Project leader
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- 2018-2021 FarFish. Financed by the EU research program Horizon 2020. Budget 6 mill Euro. Project participant in task 1.3. game theoretic analysis of high seas fisheries
- 2017-2020 Changing uses and values of marine ecosystem services in Norwegian Arctic (MarES). Funded by Research Council of Norway. Budget 10.8 mill NOK, Project leader
- 2016-2019 MARP - **Marine** Plastic Pollution in the **Arctic**: Origin, status, costs and incentives for prevention. Funded by Research Council of Norway. Budget 10 mill NOK, Project participant
- 2016-2019 PrimeFish. Financed by the EU research program Horizon 2020. Budget 8 mill Euro. Leader of task 3.5 in WP3. Project includes 12 partners and 35 researchers
- 2015-2017 Non-commercial values attached to marine resources in the coastal zone. Financed by the Norwegian Research Council. Budget 6.2 mill NOK. Project leader.
- 2012-2015 Habitat-Fisheries interactions – valuation and bioeconomic modelling of cold-water coral. Financed by the Norwegian research Council. Budget 7.5 mill NOK. Responsible for implementing a stated preference (SP) survey and organize two follow up surveys
- 2008-2011 MEFEPO – making the European Fisheries Ecosystem plans operational. Financed under EU Framework program 7. Budget 6 mill EUR. Responsible for implementing WP3. Project included 10 partners and 25 researchers.

Some recent publications

Aanesen, M., T.v.Rensburg and C.W.Armstrong. 2020. Do we choose differently after a discussion? Forthcoming in Land Economics

Börger, T., T.G.Abate, M.Aanesen, E.Zawojka. 2020. Payment and policy consequentiality in dichotomous choice contingent valuation: Examining endogeneity of self-reported statements. Forthcoming in Land Economics

Abate, T.G., T.Borger, M.Aanesen, J. Falk-Andersson, K.Wyles, N. Beaumont. 2019. Valuation of Marine Plastic Pollution in the European Arctic: Applying an Integrated Choice and Latent Variable Model to Contingent Valuation, *Ecological Economics*, 169 (3), 106-121

Armstrong, C., Aanesen, M., Sandorf, E. and T.v Rensburg. 2019. Willingness to pay to protect cold water corals. An economic argument for inclusive ocean governance. *Conservation Biology*, <https://doi.org/10.1111/cobi.13380>

Nicola J. Beaumont, Margrethe Aanesen, Melanie Austen, Tobias Börger, James Clark, Matthew Cole, Tara Hooper, Penelope K. Lindeque, Christine Pascoe, Kayleigh Wyles. 2019. Global ecological, social and economic impacts of marine plastic. *Marine Pollution Bulletin* 142, 189-195, <https://doi.org/10.1016/j.marpolbul.2019.03.022>

Aanesen, M., E.Mikkelsen. 2019. Cost-benefit analysis of aquaculture expansion in Arctic Norway. *Aquaculture Economics and Management*, <https://doi.org/10.1080/13657305.2019.1641570>

Aanesen, M. and C.W.Armstrong. 2019. Trading Off Co-produced Marine Ecosystem Services: Natural Resource Industries Versus Other Use and Non-use Ecosystem Service Values. *Frontiers in Marine Science*, March 2019, <https://doi.org/10.3389/fmars.2019.00102>

Dushani, S.N, O.Amarasinghe, M.Aanesen. 2019. Is the Sri Lankan ecotourism industry threatened by climate change? A case study of Rekawa coastal wetland using contingent valuation approach. *Environment and Development Economics* 25 (3), 226-243

Aanesen, M., J.Falk-Andersson, K.Vondolia, S.Navrud, T.Borch, D.Tinch. 2018. Valuing coastal recreation and the visual intrusion from commercial activities in Arctic Norway. *Ocean and Coastal Management*, 153, 157-167

Armstrong, C., V.Kahui, G.K.Vondolia, M.Aanesen, M.Czajkowski. 2017. Use and non-use values in an applied bioeconomic model of fisheries and habitat connections. *Marine Resource Economics*, 32 (4), pp 351-369

Bui Bich Xuan, Erlend D. Sandorf, Margrethe Aanesen. 2017. Informing management strategies for a reserve: Results from a discrete choice experiment survey. *Ocean & Coastal Management*, 145, 35-43

Sandorf,E., M.Aanesen, S.Navrud. 2016. Valuing unfamiliar and complex environmental goods: A comparison of valuation workshops and internet panel survey with videos, *Ecological Economics*, 129, 50-61, <https://doi.org/10.1016/j.ecolecon.2016.06.008>

Schmidt, J, M.Aanesen, K.Klokov, V.Hausner. 2015. Demographic and economic characteristics of Arctic Regions. *Polar Geography* 38 (4), 251-270, DOI: 10.1080/1088937X.2015.1065926

Aanesen, M., C.Armstrong, M.Czajkowski, J.Falk-Petersen, N.Hanley, S.Navrud. 2015.Willingness to pay for unfamiliar public goods: preserving cold-water coral in Norway, *Ecological Economics* 112,53-67

Msomphora, M., M.Aanesen: Is the Catch Quota Management (CQM) Mechanism Attractive to Fishers? A preliminary analysis of the Danish 2011 CQM trial project. *Marine Policy* 58, 78-87

Aanesen, M. and C.Armstrong. 2016. The political game of European fisheries Management. *Environmental and Resource Economics* 63; 745-763

LaRiviere, J.,M.Czajkowski, N.Hanley, , M.Aanesen, J.Falk-Petersen, D.Tinch. 2015. The value of Familiarity: effects of knowledge and objective signals on Willingness to pay for a public good. *Journal of Environmental Economics and Management* 68 (2); 376-389

Aanesen, M., C.Armstrong, C.Röckmann, H.W.Bloomfield. 2014. What does stakeholder involvement mean for fisheries regulations? *Ecology and Society* 19 (4), 35-49

Aanesen, M. and C.Armstrong. 2014. The implications of stakeholder involvement in fisheries regulations, *Land Economics* 90 (3), 560-573

Regular Reviewer for the following journals:

Public Choice, Health Policy, Journal of Hospital Administration, ICES Journal of Marine Science, Ecological Economics, PLOS ONE, Fish & Fisheries, Sustainability, Journal for Nature Conservation, Journal of Environmental Management

Editorial board member:

Journal of Hospital Administration

Other assignments

Independent expert for the European Commission in the evaluation of research proposals to the call FP7-SSH-2011; 1-3

Member of faculty scientific program board, Faculty of Biosciences, Fisheries and Economics, UiT
Arctic University of Norway, 2017-2019