

Curriculum Vitae

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Personalialia

Born May 30, 1980, Norwegian citizen, married, two children.

Education

2006 – 2010 Ph.D. Economics, NHH Norwegian School of Economics.
2003 – 2005 M.Sc. Applied Mathematics, University of Bergen.
2000 – 2003 Cand. Mag. Mathematics, Physics, Norwegian University of Science and Technology.

Employment

2017 – Adjunct Associate Professor, NHH Norwegian School of Economics.
2014 – Research Fellow, SNF – Centre for Applied Research at NHH.
2010 – 2013 Post-Doctoral Fellow (Assistant Professor), NHH Norwegian School of Economics.
2008 – 2010 Research Assistant (part time), Southwest Fisheries Science Center, La Jolla, CA.
2005 Research Assistant (part time), Center for Fisheries Economics, SNF AS.

Publications

Hopland, A.O. and **S.F. Kvamsdal**. Building Conditions in Norwegian Local Governments: Trends and Determinants. *Facilities*, forthcoming.

Hopland, A.O. and **S.F. Kvamsdal** (2018). Concerns among local government facility managers: a Norwegian survey. *Facilities* 36(5/6), 230-243.

Hopland, A.O. and **S.F. Kvamsdal** (2018). On the ranking of critical success factors: The role of cost efficiency and score uncertainty for public facilities management. *Journal of Facilities Management* 16(1), 26-37 (doi: 10.1108/JFM-04-2017-0012).

Kvamsdal, S.F. (2017). Indexing of Technical Change in Aggregated Data. *Computational Economics* (doi: 10.1007/s10614-017-9771-8).

Kvamsdal, S.F., J.M. Maroto, M. Morán, L.K. Sandal (2017). A bridge between continuous and discrete-time bioeconomic models: Seasonality in fisheries. *Ecological Modelling* 364, 124-131 (doi: 10.1016/j.ecolmodel.2017.09.020).

Ekerhovd, N.-A., and **S.F. Kvamsdal** (2017). Up the Ante on Bioeconomic Submodels of Marine Food Webs: A Data Assimilation-based Approach. *Ecological Economics* 131, 250-261 (doi: 10.1016/j.ecolecon.2016.09.005).

Kvamsdal, S.F. (2016). Technical Change as a Stochastic Trend in a Fisheries Model. *Marine Resource Economics* 31(4), 403-419 (doi: 10.1086/687931).

Kvamsdal, S.F., A. Eide, N.-A. Ekerhovd, K. Enberg, A. Gudmundsdottir, A. H. Hoel, K. Mills, F. Mueter, L. Ravn-Jonsen, L.K. Sandal, J. E. Stiansen, and N. Vestergaard (2016). Harvest Control Rules in Modern Fisheries Management. *Elementa* 4, 114 (doi: 10.12952/journal.elementa.000114).

Hopland, A.O. and **S.F. Kvamsdal** (2016). Optimal Maintenance Scheduling of Local Public Purpose Buildings. *Property Management* 34(2), 120-135 (doi: 10.1108/PM-01-2015-0002).

Kvamsdal, S.F., D. Poudel, and L.K. Sandal (2016). Harvesting in a Fishery with Stochastic Growth and a Mean-Reverting Price. *Environmental & Resource Economics* 63(3), 643-663 (doi:

10.1007/s10640-014-9857-x).

- Kvamsdal, S.F.** and L.K. Sandal (2015). The Ensemble Kalman Filter for Multidimensional Bioeconomic Models. *Natural Resource Modeling* 28(3), 321-347 (doi: 10.1111/nrm.12070).
- Poudel, D., L.K. Sandal, and **S.F. Kvamsdal** (2015). Stochastically Induced Critical Depensation and Risk of Stock Collapse. *Marine Resource Economics* 30(3), 297-313.
- Kvamsdal, S.F.** and S.M. Stohs (2014). Estimating Endangered Species Interaction Risk with the Kalman Filter. *American Journal of Agricultural Economics* 96(2), 458-468 (doi: 10.1093/ajae/aat092).
- Peck, M.A., S. Neuenfeldt, T.E. Essington, V.M. Trenkel, A. Takasuka, H. Gislason, M. Dickey-Collas, K.H. Anderson, L. Ravn-Jensen, N. Vestergaard, **S.F. Kvamsdal**, A. Gårdmark, J. Link, and J.C. Rice (2014). Forage Fish Interactions: A Symposium on Creating the Tools for Ecosystem-Based Management of Marine Resources. *ICES Journal of Marine Science* 71(1), 1-4 (doi: 10.1093/icesjms/fst174).
- Poudel, D., L.K. Sandal, **S.F. Kvamsdal**, and S.I. Steinshamn (2013). Fisheries Management Under Irreversible Investment: Does Stochasticity Matter? *Marine Resource Economics* 28(1), 83-103.
- Poudel, D., L.K. Sandal, S.I. Steinshamn, and **S.F. Kvamsdal** (2012). Do Species Interactions and Stochasticity Matter to Optimal Management of Multispecies Fisheries? in *Global Progress on Ecosystem-Based Fisheries Management*, 209-236, Kruse et al. (eds.), Alaska Sea Grant, University of Alaska, Fairbanks.
- Kvamsdal, S.F.** (2011). Exogenous Shocks and Marine Reserves. *Natural Resource Modeling* 24(3), 316-334.
- Kvamsdal, S.F.** and L.K. Sandal (2008). The Premium of Marine Protected Areas: A Simple Valuation Model. *Marine Resource Economics* 23(2), 171-197.
(Reprinted in *Valuing Environment and Natural Resources*, 2012, vol. II, chapter 32, K.G. Willis and G. Garrod (eds.), Edward Elgar Publishing.)

Miscellaneous

- Kvamsdal, S.F.** (2018). All the Boats on the Ocean. How Government Subsidies Led to Global Overfishing. By Carmel Finley (review). *Marine Resource Economics* 33(1), 113-117 (doi: 10.1086/696003).
- Kvamsdal, S.F.**, A. Eide, N.-A. Ekerhovd, K. Enberg, A. Gudmundsdottir, A. H. Hoel, K. Mills, L. Ravn-Jensen, L.K. Sandal, J. E. Stiansen, and N. Vestergaard (2016). Harvest Control Rules in Modern Fisheries Management (presentation). In *Proceedings from the 17th Russian Norwegian Symposium*, H. Gjøsæter, B. Bogstad, K. Enberg, Y. Kovalev, E. Shamrai (eds.). IMR/PINRO Joint Report Series 3, 2016, pp. 26-27.
- Eskeland, G., **S.F. Kvamsdal** (2015). Naturressurser og økonomer: Naturressursenes økonomi. *Samfunnsøkonomen* Nr. 1, 2015, 81-83 (in Norwegian).
- Kvamsdal, S.F.** (2012). An Overview of Empirical Analysis of Behavior of Fishermen Facing New Regulations. *Environmental Economics* 3(2), 102-111.
- Simon, E., J. Bojarova, H. Wackernagel, I. Lie, L. Bertino, G. Evensen, P. Sakov, P. Counillon, and **S.F. Kvamsdal** (2011). *Forecasting non-linear systems with the Ensemble Kalman Filter and related data assimilation methods (eVITA-EnKF)*, Nansen Environmental and Remote Sensing Center, NERSC Technical Report No. 325.
- Kvamsdal, S.F.** (2010). *Spatial Analysis in Fisheries Economics*, Ph.D. Thesis, NHH Norwegian School of Economics.

Work in Progress

- Kvamsdal, S.F.**, J.M. Maroto, M. Moran, L.K. Sandal. Bioeconomic modeling of seasonal fisheries. Revisions requested.
- Poudel, D., L.K. Sandal, **S.F. Kvamsdal**, S.I. Steinshamn. Sustainability and stochasticity in ecosystem-based fisheries management. Submitted.
- Kvamsdal, S.F.**, J.M. Maroto, M. Moran, L.K. Sandal. A Bellman approach to periodic optimization problems. Submitted.

Hopland, A.O., **S.F. Kvamsdal**, L.K. Sandal. An Analysis of maintenance schedules for public facilities. Submitted.

Hopland, A.O., **S.F. Kvamsdal**. Critical success factors in local public facilities management: The role of contingencies. Manuscript.

Grants, Projects

- 2016 – 2019 ARC-Change – ARctic Marine Resources under Climate Change: Environmental, Socio-Economic Perspectives and Governance (project leader), Research Council of Norway, project no. 257630/E10.
- 2014 – 2016 EINSAM – Ecosystem-Economic Interactions in the Norwegian Sea: Analysis and Management (project leader), Research Council of Norway, project no. 234238/E40.
- 2014 – 2015 Stochastic Bioeconomic and Population Dynamics Modeling of Collapsed Fisheries (researcher), EEA Grants, NILS-project, project no. 021-ABEL-CM-2013.
- 2014 – 2015 Pelagic Crisis (researcher), Nordic Council of Ministers, project no. (096) – 2013.
- 2013 Overseas Research Grant (UC Berkeley), Research Council of Norway.
- 2012 – 2015 AGAMEM – A General Age-structured Model for Ecosystem Management (researcher), Research Council of Norway.
- 2010 – 2013 CLIFFIMA-net – Nordic network: Climate impact on fish, fishery industry and management in the Nordic Seas (researcher), NordForsk.
- 2010 – 2014 BMAME – Bioeconomic Multispecies Analysis of Marine Ecosystems (post doctoral fellow, researcher), Research Council of Norway.

Teaching, Supervision

- ENE425 Alternative Energy Sources in Physical, Environmental, and Economical Perspectives (NHH master-level cours).
- ENE456 Environmental Responsibility: The role of NGOs and large corporations (NHH master-level seminar).
- ENE452 Climate Change and Ethical Challenges (NHH master-level seminar).
- Candidates Diwakar Poudel (2012, Ph. D., NHH), Martha Skog Astrup (2012, master, NHH).

Invited Seminars

- Stockholm Environmental and Resource Economics Seminar, Beijer Institute of Ecological Economics, Sweden (Jan 2016).
- Department of Statistics and Operations Research, Universidad Complutense de Madrid, Spain (Apr 2015).
- Umeå School of Business and Economics, Umeå University, Sweden (Oct 2013).
- Department of Agricultural and Resource Economics, University of California, Berkeley, US (May 2013).

Relevant Experience

- Co-convener and organizer, Bergen Fisheries Economics Workshop (2017, 2018).
- Member of scientific committee, Bergen Economics of Energy and Environment Research Conference (2017, 2018).
- Basic course in pedagogy (NHH, 2017).

Affiliations

Center for Environmental Economics, University of California, San Diego. <http://econ.ucsd.edu/CEE/>

Visits

- Dept. of Statistics and Operations Research, Universidad Complutense de Madrid (Oct 2016, Apr – May 2015).
- Southwest Fisheries Science Center, La Jolla, NOAA National Marine Fisheries Service (Jul 2013).
- Dept. of Agricultural and Resource Economics, University of California, Berkeley (Jan – Jul 2013).

- Center for Environmental Economics, University of California, San Diego & Southwest Fisheries Science Center, La Jolla, NOAA National Marine Fisheries Service (Sep – Oct 2009).
- Dept. of Economics, University of California, San Diego (Aug 2007 – Jun 2008).

Referee

Dynamic Games and Applications, Ecology, Environmental & Resource Economics, Journal of Environmental Economics and Management, Marine Resource Economics.

Last updated: July 23, 2018.