

Curriculum Vitae for Eric Nævdal

- Present position:* Senior Research Fellow, Frisch Centre, since August 2008.
- Address, work:* Frisch Centre, Gaustadalléen 21, N-0349 Oslo, Norway.
- Address, home:* Smalgangen 27, N-0188 Oslo, Norway.
- Nationality:* Norwegian.
- Completed Education:* Dr. Scientiarum in Resource Economics, Agricultural University of Norway. Defended on May 26th, 2000. (Equivalent to Ph.D.)
Dissertation title: “Essays in Environmental and Resource Economics - Economic Problem Solving for the Naughties.”
- Cand. Oecon from the University of Oslo, Department of Economics, 1994. (Professional degree in general economics.)
- Mellomfag (College Major) in history at the University of Oslo, Department of History.
- Three courses in mathematics at the University of Oslo
- Work experience after Ph.D. completion:* Post doctoral scholar at Dept. of Economics, University of Oslo. 2005 – 2008.
- Post doctoral scholar at Dept. of Economics and Social Sciences, Agricultural University of Norway. 2003 – 2005.
- Research Associate, Woodrow Wilson School, Princeton University. 2003 – 2004.

Research Associate at Dept. of Forestry, Agricultural University of Norway. 2000 – 2001.

Visiting Scholarships: University of Illinois at Urbana Champaign. July 1996 – June 1997

University of Wyoming. July 2001 – December 2000.

UC Berkeley. August 2011 – June 2012.

Grants received as

Principal Investigator: Norwegian Research Council, 2009, "Managing Risk in Climate Change – A Dynamic Perspective", 7.5 million NOK.

Norwegian Research Council, 2009, "Managing Thresholds and Uncertainty in Resource Economics", 4.9 million NOK.

Peer reviewed publications:

S. Kverndokk, E. Nævdal and L. Nøstbakken, The Trade-off between Intra- and Intergenerational Equity in Climate Policy, *European Economic Review*, **69**, 40-58. 2014.

E. Nævdal, Optimal Screening for Genetic Diseases. *Economics and Human Biology*, **15**, 129-139, 2014.

E. Nævdal, J. O. Olausson and A. Skonhøft, A Bioeconomic Model Of Trophy Hunting, *Ecological Economics*, 73:194–205, 2012.

E. Nævdal, Fighting Transient Epidemics - Optimal Vaccination Schedules Before and After an Outbreak, *Health Economics*. **21**, 12:1456–1476. 2012.

I. L. Andersen, E. Nævdal and K.E. Bøe, Maternal investment, sibling competition, and offspring survival with increasing litter size and parity in pigs (*Sus scrofa*), *Behavioral Ecology and Sociobiology*, Volume 65, 6: 1159-1167, 2011.

F. K. Diekert, D. Ø. Hjermmann, E. Nævdal, and N.C. Stenseth, Spare the Young Fish: Optimal Harvesting Policies for North-East Arctic Cod, *Environmental and Resource Economics*, 47. 4.:455-475, 2010.

F. K. Diekert, D. Ø. Hjermmann, E. Nævdal, and N.C. Stenseth, Non-cooperative exploitation of multi-cohort fisheries—The role of gear selectivity in the North-East Arctic cod fishery, *Resource and Energy Economics*, **32**, 1: 78-92, 2010.

A. G. Guttormsen, D. Kristofersson and E. Nævdal, “Optimal Management of Renewable Resources with Darwinian Selection Induced by Harvesting.” *Journal of Environmental Economics and Management*, **56**, 2:167-179, 2008.

M. Margolis and E. Nævdal E., “Optimal Resource Management with a Safe Minimum Standard - Conditions for Living on the Edge of Risk.” *Environmental and Resource Economics*. **40**, 3:401-423, 2008.

E. Nævdal, “Animal Rationality and the Implications for Resource Management - The Case of Hunting Moose to Protect Pine,” *Journal of Bioeconomics*. **10**, 2:145-163, 2008.

E. Nævdal., and M. Oppenheimer, “The Economics of the Thermohaline Circulation – A Problem with Multiple Thresholds of Unknown Location.” *Resource and Energy Economics* **29**, 4:262-283, 2007.

I. Estevez, I. L. Andersen and E. Nævdal, “Group size, Density and their effects on social dynamics,” *Applied Animal Behaviour Science*, **103**, 3-4: 185-204, 2007.

E. Nævdal, "Dynamic Optimisation in the Presence of Threshold Effects When the Location of the Threshold is Uncertain- With an Application to a Possible Disintegration of the Western Antarctic Ice Sheet," *Journal of Economic Dynamics and Control*, **30**, 7:1131-1158, 2006.

I. L. Andersen, E. Nævdal, K.E. Boe, M. Bakken, "The significance of theories in behavioural ecology for solving problems in applied ethology - Possibilities and limitations," *Applied Animal Behaviour Science*, **97**,1: 85-104, 2006.

H.K. Wam, O. Hofstad, E. Nævdal and P. Sankhayan et al, "A bio-economic model for optimal harvest of timber and moose," *Forest Ecology and Management*, **206**, (1-3): 207-219, 2005.

E. Nævdal and J. F. Shogren, "Genetic Variability, Economic Behavior, and the Formation of Social Norms: The Case of European Alcohol Consumption." Published in the series Woodrow Wilson School Discussion Papers in Economics, #228, 2004.

I. L. Andersen, E. Nævdal, Bakken, M. and Boe, K., "Aggression and group size in domesticated pigs, *Sus scrofa*: 'when the winner takes it all and the loser is standing small'," *Animal Behaviour*, **68**,4:965-975, 2004.

E. Nævdal. "Optimal Regulation of Natural Resources in the Presence of Threshold Effects," *Natural Resource Modelling*, **17**, 2, 2003.

E. Nævdal, "Solving Continuous Time Optimal Control Problems with a Spreadsheet", *Journal of Economic Education*, **34**, 2, 2003.

E. Nævdal, "Numerical Optimal Control Made Easy," *Computers in Higher Economic Education*. **15**, 1: 8-15, 2002.

E. Nævdal: "Optimal Regulation of Eutrophying Lakes and Rivers in the Presence of Threshold Effects", *American Journal of Agricultural Economics*, **83**, 4, 972-984, 2001.

E. Nævdal and R. Brazee, "A Decision-maker's Guide to Environmental Pressure Groups", *Environmental & Resource Economics*. **16**, 105-119, 2000.

F. R. Førsund and E. Nævdal, "Efficiency Gains under Exchange-Rate Emissions Trading", *Environmental & Resource Economics*. **12**, 403-423, 1998.

Selected works in progress:

E. Nævdal and J. F. Shogren, Individual Genetic Variability & Collective Social Norms: The Case of Binge Drinking

E. Nævdal and J. Vislie, Catastrophic risk, climate change and the relative unimportance of discount rates.

Miscellaneous other publications:

K. A. Mork, B. Hansen, E. Nævdal and S. Nævdal-Larsen, Instructors guide to Macroeconomics for Managers, Wadsworth Publishing Company, 1992.

O. Raaum and E. Nævdal, "Financing Unemployment Insurance", SNF-Report 4/93.*

E. Nævdal and S. Nævdal-Larsen, Exercises in Macroeconomics, 220 p., Bedriftsøkonomisk forlag, 1993.*

F. Førsund and E. Nævdal, "Trading Sulphur Emissions in Europe", in Economic Instruments in Air Pollution Control, Kluwer Academic Publishers, Dordrecht, Netherlands, 1994.

E. Nævdal, "Voluntary unemployment insurance-membership and wage formation", SNF - working paper 5/94.

F. Førsund and E. Nævdal, "Trading sulphur emission quotas; third party constraints", Report to Task Force on Economic Aspects of Abatement Strategies, London 12-13 May, 1994.

E. Nævdal, "SoxNox - A computer program for analysing simultaneous abatement of sulphur- and nitrogen emissions.", SNF Working paper - 89/1994.*

E. Nævdal, "Price Formation in Norwegian Food Markets", NILF - report 2, 1996.*

B. Hansen & E. Nævdal, Competition in the Internet and Dynamic Pricing by ECN Marks, Scientific Document, R & D N 86/2000, Telenor FoU.

E. Nævdal, "Essential Numerical Analysis for Economics." Supplement to Essential Mathematics for Economics by K. Sydsæter and Peter Hammond. Published by Pearson International, 2003.

Kverndokk, S., E. Nævdal, L. Nøstbakken, "Equitable Climate agreements," *Samfunnsøkonomen*, 2, 2014.*

Publications marked with an asterisk (*) are written in Norwegian.