



Curriculum Vitae

Personal data

Eva Roth, Associate Professor, Department of Environmental and Business Economics, University of Southern Denmark, Campus Esbjerg; Tel. office: +4565504186; Mobil: +4560114186; Telefax: +4565501091; E-mail: er@sam.sdu.dk

Education

1972: High school Degree, Benson Union High School, Arizona, USA

1974: Danish High school Degree (math/socio-econ), Kalundborg

1981: Scientific degree in economics, M.Sc.(in Danish cand.polit.), University of Copenhagen

Current and most recent position held

- October 2014 (to date)- Associate Professor, Department of Environmental and Business Economics (IME), University of Southern Denmark
- March 2012 – October 2014, Head of Campus, Esbjerg, University of Southern Denmark
- July 2011 – October 2014, Head of Department, Department of Environmental and Business Economics (IME), University of Southern Denmark
- April 2007 – Jan 2010 Head of Department, Department of Environmental and Business Economics (IME), University of Southern Denmark (Resigned due to merger of 3 departments).

Involvement with selected international projects

At present Danish partner and domestic coordinator; BONUS Programme – SHEBA (Sustainable sHipping and Environment of the Baltic Sea region), partner in the Danida project; BANGFISH (Upgrading Pangas and Tilapia Value Chain in Bangladesh) and more generic through the expert panels of IPBES (2013-2015)(The Intergovernmental science-policy Platform on Biodiversity and Ecosystem Services)(i.e. guide regarding diverse conceptualization of multiple values of nature and its benefits, including biodiversity and ecosystem functions and services) and as a spinoff – scoping of a Nordic assessment to feed into IPBES under the auspices of Nordic Council of Ministers.

Implementation of the Marine Strategy Framework Directive has in the past 3 years been completed in two external projects: KnowSeas (an EU-project) and a subcontract together with COWI consult given by the Directorate of Nature (Naturstyrelsen), which also included the Danish offshore energy sector. At present I am also contributing to the science – policy interphase stipulated in IPBES.

Management experience, experience with project management and heading research projects

8 years as Head of Department for 50 scientists, 3 research groups and 3 study boards as well as 35 years of experience from active participant in at least 20 international research projects or consultancies (either as main Danish partner or head of mission) I have extensive experience in all facets of both organizational and research management.

External evaluator for international projects

- EU research project “expert” evaluator: Marie Curie Programme, INCO, Global Change and Ecosystems and DG XIV (Fish)
- Evaluation of Research Projects for the Research councils of the Faroe Islands and Norway
- Evaluation of Research proposals for the Ministry of the Environment, Sweden

Consultancies experiences (selected)

Consultancies for EU, FAO, World Bank, Norad, Danida, Naturstyrelsen and through British Consultancy Companies (tenders) are part of my past activities.

Methodologies for assessing socio-economic benefits of European inland recreational fisheries. / Parkkila, K ; Arlinghaus, R ; Artell, J ; Gentner, M ; Haider, W ; Aas, Ø ; Barton, D ; Roth, Eva ; Sipponen, M. Ankara : FAO, 2011. 116 s. (EIFAC Occasional Paper; 46)

Workinggroup on the identification of research needs related to the social and economic dimensions of aquaculture. / Papageorgiou, Filippou ; Raux, Pascal ; Subasinghe, Rohana ; Roth, Eva ; Polanco, Jose Fernandez ; Mheen, Henk van der . I: Report from EU-consultancy. EU-consultancyreport, 2010.

Willems, Sabine, Eva Roth, Jan van Roekel, Changing European Public and Private Food Safety and Quality Requirements, Challenges for Developing Country Fresh Produce and Fish Exporters, Agriculture and Rural Development. Discussion Paper, World Bank, 2005.

Roth, Eva (Team leader), Ian Goulding, Stephen Mwikya, supported by Nils Kristian Sørensen, INFOSA Project Mid-Term Review, Mission undertaken in South Africa, Mozambique, Namibia, Tanzania, Zambia and Malawi from 9 to 29 January 2006, April, 2006 (consultancy for NORAD)

Research interests

As a resource and environmental economist my core competency covers assessments (economic assessment theory and methods), conceptual modelling across disciplines, economic valuation methods, and policy relevant tools for good governance and welfare impacts of change. Since the millennium the ecosystem management approach has entered the fields of study and the economic applicability has had my profound scientific interest – covering also energy production from marine areas.

Key international relations

I have built up an extensive international network on the basis of work in ICES, FAO and EIFAC, LOICZ, IPBES, World Bank, Evaluation panels in EU, Norway and Sweden, multiple international research projects and a fair amount of international consultancies. It is truly a global network.

Teaching experience and supervision of students

- I have since 1983 taught several courses within economics such as Microeconomics; Descriptive economics; Environmental and Resource Economics and Management; Tourism Economics; Integrated Modelling; Fisheries and Aquaculture Economics and Management.
- I have supervised 3 PhD (and been part of evaluation committees in several universities), more than 15 MSc thesis students and many Bachelor theses.

Editorial and referee assignments (selected)

- Review Editor: Aquaculture Environment Interactions
- Editorial Advisory Board: The Year in Ecological Economics

Selected publication (journals and conferences)

- Timmermann, K., Dinesen, G. E., Markager, S., Ravn-Jensen, L., Bassompierre, M., Roth, E., & Støttrup, J. G. (2014). Development and use of a bioeconomic model for management of mussel fisheries under different nutrient regimes in the temperate estuary of the Limfjord, Denmark. *Ecology and Society*, 19(1), 14.
- Thong, N.T., Solgaard, H.S., Wolfgang, H., Roth, E., Lars, R.J. (2014). Consumer Willingness to Pay for Quality Attributes of Fresh Seafood: A Labeled Latent Class Model. *Journal of Food Preference and Quality*. 04/2015; 41:225-236. DOI:10.1016/j.foodqual.2014.
- O'Higgins, T., & Roth, E. (2011). Integrating the Common Fisheries Policy and their Marine Strategy for the Baltic. Discussion of Spatial and Temporal Scales in the management and adaptation to Climate Change. I G. Schernewski, J. Hofstede, & T. Neumann (red.), *Climate Change and Baltic Coastal Zones*. (s. 275-294). Springer.
- Parkkila, K., Arlinghaus, R., Artell, J., Gentner, M., Haider, W., Aas, Ø., ... Sipponen, M. (2011). *Methodologies for assessing socio-economic benefits of European inland recreational fisheries*. Ankara: FAO. (EIFAC Occasional Paper; Nr. 46).
- Dinesen, G. E., Timmermann, K., Roth, E., Markager, S. S., Ravn-Jensen, L., Hjort, M., ... Støttrup, J. (2011). Mussel Production and Water Framework Directive Targets in the Limfjord, Denmark: an Integrated Assessment for Use in System-Based Management. *Ecology and Society*, 16(4), 26.10.5751/ES-04259-160426
- Ahsan, Dewan A., Eva Roth, "Farmers' perceived risks and risk management strategies in an emerging mussel aquaculture industry in Denmark. *Marine Resource Economics*. Volume 25 No. 3, October 2010.
- Pongthapanich, Tipparat, Eva Roth (2006). Voluntary management in Thai shrimp farming, *Aquaculture Economics & Management*, Issue 10-03, 2006, p 265-287.

- M. Eleftheriou and A. Eleftheriou (Editors), 2002. Proceedings of the ASEM Workshop AQUACHALLENGE, Beijing April 27-30, 2002, ACP-EU Fish.Res.Rep., (14): 185 pp. Eva Roth, Does globalization of markets influence the Aquaculture challenge in Asia? , p. 129-139.
- Peter Burbridge, Vicki Hendrick, Eva Roth, Harald Rosenthal (2001). Social and Economic Policy Issues Relevant to Marine Aquaculture .Journal of Applied Ichthyology Vol. 17:2001, pp 194-206, Blackwell Wissenschafts-Verlag, Berlin, ISSN 0175-8659 (Results from the Maraqua-project – EU-concerted action)
- Roth, E., H. Rosenthal, P. Burbridge, A discussion of the use of the sustainability index: “ecological footprint” for aquaculture production. Aquatic Living Resources 13 (2000) p. 461-469.
- Black, E., Gowen, R., Rosenthal, H., Roth, E., Stechy, D. and Taylor, F.J.R., The Cost of Eutrophication from Salmon Farming: Implications for Policy - A Comment, Journal of Environmental Management, Vol. 50, No. 1, May 1997, p. 105-109.