

Eva Annette Roth.  
Economist, M.Sc. (Econ.)  
Born: 1954;

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## Curriculum Vitae Eva Roth

### 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

### Experience Record

1981-1989: Member of Scientific Staff, Danish Institute of Fisheries Economics Research, From 1988 Associate Professor

1989-1991: DANIDA-adviser, District Representative (single adviser under SIDA-project), Integrated Rural Development Project, Kasama, Zambia.

1991- 1998: Associate Professor, Danish Institute of Fisheries Economics Research ( ½-position in 1993, 1994 and 1995), PhD-tutor.

1993-1995: Vice-Director, GRID-Denmark (Global Resource Information Database under UNEP) (½-position for 3 years).

May-Sept.1998: Elected pro-vice-chancellor, South Jutland University Centre, 1998. The office was abolished with a merger of Odense University, Southern Denmark School of Business Administration and Modern Languages and South Jutland University Centre.

Oct. 1998–present: Associate Professor, Department of Sociology, Environmental- and Business Economics (SEBE), University of Southern Denmark (SDU).

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.

July 2011–October 2014:Head of Department, Department of Environmental and Business Economics, SDU.

March 2012–October 2014: Head of Campus, SDU Esbjerg.

### *Part time*

1983-1986: Instructor (Lecturer) at the Southern Denmark School of Business Administration and Modern Languages (descriptive economics, micro- and macro-economics, 6-8 lectures a week).

1986-1989: External Senior Lecturer at the Southern Denmark School of Business Administration and Modern Languages. (In charge of basic micro- and macro- economics courses for all 4 department of the School). Assigned to an English Language Project (PhD-project "Terminology in Microeconomics").

1992-1998: Part time Lecturer at the Southern Denmark School of Business Administration and Modern Languages. National and international courses in Resource and Environmental

Economics (2-6 lectures a week).

1981–1998: General Education: Lectures on Fishing Industry, Environmental Management, "Starting your own Business in Fisheries", Development in Zambia (Fisheries vocational schools, university extension courses, private associations, and clubs). Private consultancies for World Bank, FAO, MacAlister Elliott and Partners Ltd, Danish Ministry of Fisheries, The Danish Fisheries Association, Ringkøbing amt, and others.

### *Honorary*

1986-1989 Politically elected member of the Municipal of Gram, member of the Committee on Economic Affairs.

1987-1988 Member of "group for analysis", Master plan for the Danish Fishing Industry, Cowi Consult.

Nov. 1993 External Examiner, Ph.D.-dissertation, University of Cambridge, Faculty of Economics and Politics.

1995- Member of ICES Working Group on Environmental Interaction of Mariculture.

1991- Member of the European Association of Fisheries Economists (EAFE). Member of the International Institute for Fisheries Economics & Trade (IFFET)

1994-2001 Member of National Political Advisory Committee on Science and Technology with direct reference to Minister of Science

May, Jun. 1996 and Nov., Dec. 2000 County counsellor, County of South Jutland, member of the Committee on Economic Affairs, numerous Committees and Boards.

1994-2000 Member of "Overtaxationskommissionen" (law no. 711 of 11.sept.1997) (final court of appeal on expropriation, County of South Jutland)

1998-2000 Member of Commission on Land: Landindvindingslaget Kastrup-Tiset Enge (County of South Jutland). Member of Board of Directors for "Teaterfællesudvalget" (Theaters) (County of South Jutland)

2001- 2006 County Counsellor, elected for 4 years + 1 year as interim County, County of South Jutland, Member of the Hospital and Health Committee.

2002-2004 Appointed to the Lauritsen-Commission (revision of legal framework / environment) by the Minister of Environment.

2004-2010 Member of the steering committee for LOICZ (Land Ocean Interaction in the Coastal Zone - a scientific core project of the International Geosphere and Biosphere Program (IGBP) and the International Human Dimensions Program on Global Environmental Change (IHDP)).

2006– Elected member of the Municipality of Haderslev, member of "The youth and family committee". Resigned 1. April 2007, as the post was incompatible with the position as Head of Department. 2012-2014 Member of Expert Committee, Intergovernmental Panel on Biodiversity and Ecosystem Services, UN (IPBES) PhD-evaluation committees: Cambridge Univ., Univ. of Copenhagen, Univ. of Aalborg and SDU.

### *Phd – tutoring*

Tove Christensen, 2. supervisor 1994-1997, Ph.D. thesis: Topics in Environmental and Natural Resource Economics with Emphasis on Uncertainty and Irreversibility, University of Copenhagen, Red Series No. 52, 1998

Tipparat Pongthanapanich, supervisor 2002-2006, Ph.D. thesis: Coastal Land Use Management in Thailand: Policy Development Tools for a Better Environment, submitted 17 March 2006.

Hossain Afjal, 2. Supervisor, PhD Candidate, Department of Food and Resource Economics, University of Copenhagen, Denmark (submitted).

## **Research interests**

Socio-economic studies and descriptive economics in the field of fisheries sector management and development has been the main focus of my early research. The management of aquaculture has been a longstanding field of research, which among others have led to work within ICES working group on “Mariculture and the Environment” and the project “Land Ocean Interaction in the Coastal Zone”, as member of the steering committee as well as Advisory committee participation for FAO and the EU Commission on Aquaculture research needs. I have been invited (2010-11) and joined the European Aquaculture Technology & Innovation platform as part of TA8: socioeconomic and management to participate in developing the European Strategic Research Agenda for this area.

I hold a core competency in international market surveys of fish – especially the quality, food safety and eco-labelling, all attributes economically elicited through contingent valuation, choice modelling as well as hedonic pricing or through the less demanding descriptive economic methodologies. This has over the years also been in demand from several international organisations (World Bank, NORAD, DANIDA, FAO and several International Consultancy Companies).

Valuation of non-market goods has been applied in several other research projects, especially a Nordic survey of recreational fishery (contingent valuation – CVM). Participated internationally on recreational Fisheries Issues within the European Inland Fisheries Advisory Committee as Danish delegate (EIFAC Code of Practices for Recreational Fishery, EIFAC Occasional Paper No 42, FAO 2008, and contributed substantially to “Methodologies for assessing social and economic benefits of European inland recreational fisheries”, EIFAC Occasional Paper, 2010).

2010-2012 I have focused on solving the research needs and implementation of the Marine Strategy Framework Directive implementation in two external projects: KnowSeas (an EU-project) and a subcontract together with COWI consult given by the Directorate of Nature (Naturstyrelsen, [https://mst.dk/media/118433/havstrategi\\_sociooekonomisk\\_analyse.pdf](https://mst.dk/media/118433/havstrategi_sociooekonomisk_analyse.pdf)).

In 2012 I was elected member of the expert Committee (MEP), Intergovernmental Panel on Biodiversity and Ecosystem Services, UN (IPBES). I did not seek reelection in 2014 but continued the work as member of the Danish delegation (expert) to IPBES and as founding member of the IPBES Denmark, where I contribute to the science – policy interphase stipulated in IPBES, but more so in a Danish context. Several assessments, methodological articles as well as policy briefs have been published as a result of this both international network and Danish interdisciplinary cooperation.

## **Teaching experience**

I have since 1983 taught 1-4 courses per semester within economics: Microeconomics (BSc-level); Macroeconomics (BSc-level); Descriptive economics (BSc-level); Environmental and Resource Economics and Management (International Master Courses for economists, biologists and engineers at SDU, and abroad at the Erasmus Program “Water and the Environment, Faro, Portugal”, PhD - courses); Tourism Economics (Erasmus, master-level); Integrated Modelling (BSc-level); Fisheries and Aquaculture Economics and Management (PhD-level), Research Forum/Philosophy of Science (master-

level), Organization and leadership (Princess Nourah bint Abdulrahman University, Riyadh, Saudi Arabia, Summer 2014 and 2015, master-level) and shorter PhD-courses in Cambodia (2018/project DOCKSIDE) and Vietnam (2018/project WANESSEA) on topics within environmental and resource economics.

Supervision of Bachelor and Master thesis' and served as external examiner on i.e. bachelor thesis', master thesis' at the, University of Copenhagen, University of Aarhus, University of Aalborg and Copenhagen Business School and the Erasmus Program, Water and the Environment, Faro, Portugal.

### **External evaluator**

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.

#### *Editorial and referee assignments (incomplete)*

Review Editor: Aquaculture Environment Interactions

Editorial Advisory Board: The Year in Ecological Economics

#### *Referee for*

GAiA – Ecological Perspectives for Science and Society

European Journal of Wildlife Research

Environmental Management

Fisheries Research

Regional Environmental Change

Fisheries Management and Ecology

Springer Verlag

Estuarine, Coastal and Shelf Science

Review editor, wp3, UKNEA (UK National Ecosystem Assessment was the first analysis of the UK's natural environment in terms of the benefits it provides to society and continuing economic prosperity), 2013