

Marko Lindroos

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CURRICULUM VITAE

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Personal details:

Date and place of Birth: September 8, 1971; Espoo, Finland

Citizenship: Finnish

Education:

- Ph.D. thesis "Cooperation and Conflicts in High Seas Fisheries" 2000. (Helsinki School of Economics, Department of Economics).
- Ph. D. degree 2000. Helsinki School of Economics.
- 1996 M. Sc. (economics), Helsinki School of Economics, Finland.

Professional experience:

- * 2013- University Lecturer (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2012 Professor (Economics of Baltic Sea Protection), University of Helsinki, Department of Economics and Management.
- * 2010- Vice head of the Department of Economics and Management, University of Helsinki.
- * 2010-2012 University Lecturer (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2009-2010 Professor (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2004-2009 University Lecturer (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2003-2004 Professor (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2003 University Lecturer (Environmental and Resource Economics), University of Helsinki, Department of Economics and Management.
- * 2003- Adjunct professor in environmental and resource economics, Department of Economics and Management, University of Helsinki.
- * 2003- Adjunct professor in environmental and resource economics, Department of Economics, Helsinki School of Economics.
- * 2001-2002 Post-doctoral research fellow (FPPE), Helsinki School of Economics, Department of Economics.
- * 2000-2001 Holder of the Marie Curie individual post doc fellowship in the European Community programme Quality of Life, Centre for Fisheries Economics, Norwegian School of Economics and Business Administration.
- * 2000 Researcher, University of Jyväskylä, Department of Biological and Environmental Science.
- * 1996-2000 Researcher, Helsinki University of Technology, Systems Analysis Laboratory in "The Management of High Seas Fisheries" FAIR-CT96-1778 funded by the Commission of the

List of publications:

Over 70 publications including 36 refereed articles.

Invited conference presentations:

1. 50 year anniversary seminar of the Centre for Fisheries Economics, Bergen, Norway 10.-11.6.2003, "Coalitions in fisheries economics: theory and applications".
2. Conference On Fisheries Economics And Management In Honour Of Professor Gordon R. Munro, University of British Columbia, Vancouver, Canada 5.-6.8.2004, "A Coalition Game of the Baltic Sea Cod Fishery".
3. Harvest Control Rules for Sustainable Fisheries Management, Institute of Marine Research, Bergen, Norway 13.-15.9.2004: "Strategic Harvest Control Rules: Game-Theoretic Insights".
4. Workshop on ecological-economic research on fishery management, Stockholm Resilience Center 28.3.2011: "Optimal bioeconomic multispecies fisheries management: A Baltic Sea case study"

PhD pre-examination & evaluation committees:

- * 2008-2009 PhD Evaluation committee: Nils-Arne Ekerhovd "Essays on the Economics of Shared Fishery Resources" defended January 16th 2009, Norwegian School of Economics and Business Administration (NHH, Bergen), Department of Economics.
- * Official opponent of PhD thesis defence. Maria Dementieva: "Regularization in Multistage Cooperative Games", University of Jyväskylä November 8th 2004, Faculty of Information Technology.
- * Pre-examiner of Julia Pavlova's PhD thesis University of Jyväskylä 2008, Faculty of Information Technology.

PhD supervision:

- * 2004-2009 Ph.D. supervisor: M.Sc. Soile Kulmala (fisheries economics), University of Helsinki.
- * 2006- Ph.D. (in progress) supervisor: M.Sc. Katja Parkkila (valuation of recreational fisheries), University of Helsinki.
- * 2011- Ph.D. (in progress) supervisor: M.Sc. Maija Holma (The economics of Baltic multi-species fisheries) University of Helsinki.
- * 2011- Ph.D. (in progress) supervisor: M.Sc. Emmi Nieminen University of Helsinki.
- * 2012- Ph.D. (in progress) co-supervisor: M.Sc. Giovanni Romagnoni, University of Oslo
- * 2008-2011 PhD Advisory Committee member: Megan Bailey, UBC Canada.
- * 2007- PhD Advisory Committee member: Antti Iho, Jarno Virtanen, Inari Helle, Kirsi Hoviniemi and Marleena Isomaa University of Helsinki.
- * External assessor, Hans Ellefsen, University of Southern Denmark.

Other Scientific activities:

- * Guest editor for Strategic Behavior and the Environment 2010-2012.
- * Expert advisor for the National Science Foundation (NSF) and Social Sciences and Humanities Research Council of Canada.
- Evaluation of adjunct professorship (docent) application, Viktor Zakharov, University of Jyväskylä 2007.
- * Referee in the following journals: Agricultural and Food Science, American Journal of Agricultural Economics, Annals of Operations Research, Australian Journal of Agricultural and Resource Economics, Dynamic Games and Applications, Eastern Economic Journal, Ecological Economics, Ecology Letters, Environmental and Resource Economics, Environmental Modeling and Assessment, Environment and Development Economics, Fisheries Research, Games and Economic Behaviour, ICES Journal of Marine Science, International Game Theory Review, International Review of Environmental and Resource Economics, International Tax and Public Finance, J. of Economic Behaviour and Organization, J. of Economic Dynamics and Control, J. of Environmental Economics and Management, Letters in Spatial and Resource Sciences, Marine Policy, Marine Resource Economics, Mathematical Reviews, Natural Resource Modeling, Operations Research, Scandinavian Journal of Economics, Systems & Control Letters.
- * Referee in the following books: Festschrift in Honour of Professor Gordon R. Munro; Handbook on Operations Research in Natural Resources.
- * Referee in the following Conference Proceedings: CEFAS (Centre for Environment, Fisheries & Aquaculture Science) Centenary Symposium on International Approaches to Management of Shared Stocks – Problems and Future Directions. International Conference on Modeling, Computation and Optimization (World Scientific).
- * Member of the International Scientific Committee of the International Workshop on Dynamic Games and Applications, July 16-21, 2001, Cargese Corsica
- * Member of the International Scientific Committee of:
 - * XIV EAFE (European Association of Fisheries Economists) Conference, March 25-27, 2002, Faro, Portugal.
 - * 21st EAERE Conference, June 24-27, 2015, Helsinki Finland (also organising committee member)
- * 2006-2008 post doc supervisor: PhD Mika Rahikainen, University of Helsinki.

Participation in projects

- * Management of High Seas Fisheries, EU FAIR Project 1997-1999, partners: University of Iceland, University of Lisbon (Portugal), Centre for Fisheries Economics (Bergen, Norway).
- * 2001-2004 Interlocked Sustainable Use of Parallel Fish Resources (INSURE), Academy of Finland. University of Jyväskylä.
- * 2012- International Management of Pelagic Fisheries in the Northeast Atlantic (IMPF), SNF Bergen, Norwegian research council.
- * 2013- Resource rent and wider economic impacts of fisheries, Nordforsk.
- * 2014-Ecosystem-Economic Interactions in the Norwegian Sea: Analysis and Management (EINSAM), SNF Bergen, Norwegian research council.

Responsible leader of research projects

- * 2004-2008 Operational evaluation tools for fisheries management options (EFIMAS), EU 6th framework programme Prior 8 Project.
- * 2006-2008 Precautionary risk methodology in fisheries (PRONE), EU 6th framework programme SSP Project.
- * 2006 Management of Baltic Sea Fisheries after the enlargement of the EU, Network for European Studies (University of Helsinki) project.
- * 2007-2009 Economic interaction and valuation in multi-species models - A case study of Baltic Salmon and Grey seal. University of Helsinki 3-year research project.
- * 2008 Data Analysis to support the development of a Baltic Salmon Action Plan, EU Tender.
- * 2010-2013 Comprehensive bioeconomic modelling of renewable resources: integration of game theory, valuation and multispecies interactions. Academy of Finland project.
- * 2011-2015 NorMER - Nordic Centre for Research on Marine Ecosystems and Resources under Climate Change, Centre of Excellence funded by Nordforsk.
- * 2012-2016 Economics of Aquatic Foodwebs (ECA), Academy of Finland AKVA Research Programme Project. Consortium leader.
- * 2012-2013 Effects of fuel taxes on Nordic fisheries. Nordic Council Project.
- * 2012 Fish Food from the Baltic Sea. Project in cooperation with City of Helsinki.
- * Total research funding 1,461 million euros.

Organising seminars and doctoral courses

- May 2007 Grey seal salmon seminar, University of Helsinki.
- 20.8.-24.8.2007 Game Theory and Fisheries Nordic Marine Academy Advanced Course.
- 2009 Workshop on Game Theory and Fisheries, Helsinki
- 2010 EAFE workshop
- 2010 Strategic behaviour in fisheries: Applied coalition game modelling NMA Advanced Course

- 2012 Annual NorMER meeting (including Bioeconomics PhD course)
- 2014 Modelling in Environmental and Resource Economics (MERE)