

CV: MATTI LISKI**Education**

Helsinki School of Economics (HSE): Ms. Sc. 1992, Lic. Sc. 1995, Dr. Sc. 1997.

Fields of interests

Energy and Environmental Markets (Q2-Q5, L5, L94, H23), Natural Resources (Q0, E2), Applied Microeconomic Theory (D0-D9), Public Economics (H20-H23, H4), Growth (O13, O4), Industrial Organization (L0, L1)

Present affiliations

Helsinki School of Economics: professor, 2007-present
 Academy of Finland: senior fellow, 2002-2006
 MIT Center for Energy and Environmental Policy Research: faculty associate, 2002-present
 Nordic Energy Research Program (NER): project leader, 2003-2005;
 NER board member in NEECI 2008-2011
 University of Helsinki: adjunct professor, department of economics, 2002-present
 CESifo-Munich, Climate/Energy network member, 2009-
 IPCC Finland, 2007-

Past affiliations

Center for Advanced Study at the Norwegian Academy of Science and Letters, 2005-2006
 Academy of Finland: post doc 1998-2002
 Massachusetts Institute of Technology, Economics Department: Yrjö Jahnsson Fellow, 2001-02
 University of California at Berkeley, Department of Agricultural and Resource Economics: visiting graduate student, Fall 1995

Teaching

Microeconomics
 Principles of economics
 Energy, resource, and environmental economics
 Dynamic optimization and applications
 Teacher of the year 2009, HSE

Some Publications

“Market power in an exhaustible resource market: The case of storable pollution permits” (with J.-P. Montero), *The Economic Journal*, forthcoming.

“Forward Trading and Collusion in Oligopoly” (with J.-P. Montero), *Journal of Economic Theory*, Volume 131, Issue 1, November 2006, Pages 212-230

“On Pollution Permit Banking and Market Power” (with J.-P. Montero), *Journal of Regulatory Economics*, Vol. 29, No.3 (2006)

"Trends and Breaks in per-capita Carbon Dioxide Emissions, 1870-2028" (with Markku Lanne), *The Energy Journal*, Vol. 25, No. 4 (2004).

"Can Carbon Tax Eat Opec's Rents?" (with Olli Tahvonen) *Journal of Environmental Economics and Management* 47, 1-12 (2004).

"Increasing Returns and Cycles in Fishing", (with P. Kort and A. Novak) *Resource and Energy Economics*, 23, 241-258 (2001)

"Taxing Average Emissions to Overcome the Shutdown Problem", *Journal of Public Economics* 85, 301-455 (2002)

"Thin versus Thick CO2 Market", *Journal of Environmental Economics and Management* 41, 295-311 (2001)

Work in progress

"Uncertainty and energy saving investments" (with Pauli Murto), 2010

"Strategic resource dependence" (with Reyer Gerlagh), 2009, Revise-and-resubmit

"Incomplete information and exhaustible-resource dependence" (with Reyer Gerlagh), 2009

"Forward trading in exhaustible-resource oligopoly" (with Juan-Pablo Montero), 2009, Revise-and-resubmit

"On Coase and Hotelling" (with Juan-Pablo Montero), 2009

"An empirical model of imperfect dynamic competition and application to hydroelectricity storage" (with Olli Kauppi), 2008

"Backstop Technology Adoption" (with Pauli Murto), 2006

Professional Service

Editor

Co-editor of *Finnish Economic Papers*, 2003-2007

Guest Editor: Special Issue in *Environmental and Resource Economics*, Vol. 31, No. 2 (2005).

Member of the editorial board: *Resource and Energy Economics*, 2007-

Member of the editorial board: *Environment and Development Economics*, 2007-

Associate Editor: *Environmental and Resource Economics*, 2007-2009

Editor: *Scandinavian Journal of Economics*, 2009-

Scientific evaluations

European Association for Environmental and Resource Economists: member of the scientific committee for annual meetings in 1999, 2005, 2007, 2008, 2009

Econometric Society, European meeting 2008, 2009

The Third World Congress of Environmental and Resource Economists 2006

Nordic Workshop in Industrial Organization IV in 2005: the program committee

The U.S. National Science Foundation: research proposal evaluations (economics)

The Norwegian National Science Foundation: research proposal evaluations (economics)

Referee reports

Journal of Public Economics, Review of Economic Studies, Econometrica, American Economic Review, Journal of Economic Theory, RAND Journal of Economics, Economic Theory, Journal Environmental Economics and Management, Environmental and Resource Economics, Energy Economics, Scandinavian Journal of Economics, Journal of Economic Behavior and Organization, Journal of Public Economic Theory, Development and Environmental Economics, Journal of Regulatory Economics, Finnish Economic Papers

Workshops organized

Instrument Design and Choice in Environmental Regulation, Helsinki School of Economics, October 2002 seminar group coordinator (environmental and resource economics) in Finnish Postgraduate

Program in Economics: annual seminars 2003-present

Nordic Research Program Seminar “Energy and Environmental Markets”, HECER, Aug 2004

Nordic Research Program Seminar “Energy and Environmental Markets”, HECER, Aug 2005

Co-organizer of the weekly departmental seminar, HECER, 2005-2006

Nordic Research Program Seminar , HECER, Nov 2008

PresentationsDepartmental

University of Heidelberg, Spring 2001, Fall 2007

MIT economics department, Theory lunch seminar, Fall 2001

MIT economics department, Industrial organization seminar, Fall 2001

University of Maryland, department of agricultural and resource economics, Fall 2001

University of California, Berkeley, department of agricultural and resource economics, Fall 2001

University of California, Davis, department of agricultural and resource economics, Fall 2001

Harvard University, Kennedy School of Government, Spring 2002

University of Quebec and Montreal, department of economics, Spring 2002

MIT, Center for Energy and Environmental Policy Research, Spring 2002

Erasmus University Rotterdam, Tinbergen Institute, Fall 2002

Tilburg University, department of economics, Fall 2002

Helsinki Center for Economics Research, applied microeconomics seminar, Fall 2004

Catholic University of Chile, department of economics, Fall 2004, Fall 2006, Fall 2007

Helsinki Center for Economics Research, lunch seminar, 2005, 2007, 2009

Helsinki Center for Economics Research, applied microeconomics seminar, 2005, 2006, 2008

Universite Paris 1, Pantheon-Sorbonne, Spring 2006

University of Toulouse, Lerna 2007

University of Stirling, Spring 2007

Catholic University of Leuven, Fall 2007
 Zurich ETH, Fall 2009
 University of Oslo, Fall 2009
 Stockholm School of Economics, Fall 2009

Other invited academic presentations

Workshop on Economic Issues in Climate Change, University of Oslo, Fall 1998
 EURESCO Conference “The International Dimension of Environmental Policy”, Fall 2000,
 Universidad Complutense de Madrid, IV Complutense International Seminar on European
 Economy, Spring 2003
 Workshop at the Center for Advanced Study at the Norwegian Academy of Science and Letters,
 Fall 2005, Fall 2006, Fall 2007

Other Service

University Administration

Head of the Masters program in economics, HSE
 HECER Board member

Invited presentations at policy meetings

Government Institute for Economic Research: Greenhouse gas policy questions and social-
 economic research implications for Finland in a national and an international context, Helsinki 1999
 Ministry of Trade and Industry, Seminar on Kyoto Mechanisms, 1999
 Ministry of Environment, National Seminar on the EU 6th Environmental program, 2000
 Ministry of Environment, Emissions trading seminar, 1998
 Figure Conference, Lammi 1999
 Ministry of Environment, National Climate Seminar, 2003
 Ministry of Environment, Climate Forum, Fall 2004
 Ministry of Environment, Climate Forum, Spring 2004
 Finnish Energy Industries, Seminar on Energy Markets, Fall 2005
 University of Turku, invitation-only, Seminar on Energy Markets, Fall 2006
 OP-group research foundation seminar on energy and climate change, 2007
 Elforsk Market Design, June 2007
 Finnish Energy Industries, October 2007
 Swedish Association of Energy Economists, December 2007
 Ministry of Environment, Seminar on Climate Change, November 2007

Government and other consulting

Bureau of Competition: report on the economic effects of resale price maintenance, 1996
 Ministry of Environment: report on the costs and benefits of climate policies, 2005
 Ministry of Environment: report on climate change and uncertainty, 2006
 Ministry of Environment: report on the Stern Review, 2007
 National Technology Agency of Finland: Pomar project, member of the steering group, 2005-07
 National Technology Agency of Finland: SETELI project, member of the research group, 2005-07
 Ministry of Environment: National Noise Reduction Plan, member of the steering group, 2005
 Parliament’s Committee for Economic Affairs: served as a testifying expert, stock options, Fortum,
 October 2005

LTT Research Ltd: confidential, 2006-2007

The Market Court: testifying witness, Nov 2007

Advisory board: Government Foresight Report on Long-term Climate and Energy Policy: Towards a Low-carbon Finland, 2008-2009

Ministry of Finance: member of the scientific council, 2008-
Report to Finnish Energy Industries 2009

Awards and Grants

Helsinki School of Economics Foundation: The best doctoral thesis prize 1998

Student Union of the Helsinki School of Economics: The teacher of the year 2009

Research Funding: Yrjö Jahnesson Foundation, Alfred Kordelin Foundation, Helsinki School of Economics Foundation, Nordic Energy Research Program