

CURRICULUM VITAE**Janne I. Hukkinen****1. Full name and date**

- Hukkinen, Janne Ilmari
- Male
- CV date: January 2017

2. Date and place of birth, nationality, current residence

- 6 October 1957, Helsinki, Finland
- Finnish
- Environmental Policy Research Group (EPRG), University of Helsinki, Snellmaninkatu 10 (PO Box 16), 00014 University of Helsinki, Finland, tel +358 50 367 1375, janne.i.hukkinen@helsinki.fi, <http://www.helsinki.fi/people/janne.i.hukkinen/>

3. Education and degrees awarded

- PhD, Environmental Engineering and Policy. University of California, Berkeley, Department of Civil Engineering, Environmental Engineering Group, 1990. Major in Waste Management, minors in Resource Management and Public Policy. <http://registrar.berkeley.edu/>
- MS (dipl.ins.), Sanitary Engineering. Helsinki University of Technology, Department of Civil Engineering, Finland, 1984. Major in Sanitary Engineering, minors in Transportation Engineering, Geotechnical Engineering, and Urban Planning and Engineering. http://civil.aalto.fi/en/contact_info/

4. Other education and training, qualifications and skills

- Management training course, Johtamistaidon Opisto JTO (Management Competence Institute) and Helsinki University of Technology (currently Aalto University), 2-3 Sep and 28-29 Oct 1999 (2 ocr)

5. Linguistic skills

- Mother tongue: Finnish
- Other languages: English (excellent); French (fair); Swedish (good)

6. Current position

- Professor of environmental policy, University of Helsinki, Finland. Joint position with Faculty of Social Sciences, Faculty of Biological and Environmental Sciences, and Faculty of Agriculture and Forestry. Since 08/2008
- Expert Counsellor on the Environment for the Supreme Administrative Court of Finland, since 08/2000

7. Previous work experience

- Adjunct professor of environmental protection. Helsinki University of Technology, Lahti Center, Finland. From 08/2008 to 03/2009.
- Professor of environmental protection (environmental strategies and technology assessment). Helsinki University of Technology, Department of Civil and Environmental Engineering, Finland. From 01/1999 to 07/2008.
- Senior Scientist and Visiting Scholar. Academy of Finland, Helsinki University of Technology, and University of California, Santa Barbara. From 01/2006 to 12/2006.
- Professor and Director of the Arctic Centre. University of Lapland, Rovaniemi, Finland. From 04/1996 to 12/1998.
- Associate Professor of Environmental Management. Maastricht School of Management, Netherlands. From 10/1993 to 03/1996.
- Visiting Expert in Environmental Management (training program design, management and teaching; management research; research evaluation; Sino-Dutch Management Training Development Programme). The Hunan Economic Management College, Changsha, China. 10/1994 and 04/1995 (6 weeks).
- Visiting Expert in Environmental Management (program management and teaching under European Community MedCampus Environmental Management for Egyptian Industries Executive Program). Management Development Centre for Industry, Cairo, Egypt. 06/1994 and 06/1995 (2 weeks).
- Research Consultant. Imatran Voima Oy, Helsinki, Finland. From 11/1992 to 08/1993.
- Senior Researcher. Technical Research Centre of Finland, Laboratory of Urban Planning and Building Design. From 09/1991 to 09/1993.

- Post-Doctoral Research Fellow. University of California, Berkeley, Department of Agricultural and Resource Economics. From 10/1990 to 07/1991.
- Post-Doctoral Research Consultant. Western Consortium for Public Health, Berkeley, CA. From 10/1990 to 07/1991.
- Special Research Consultant. U.S. Environmental Protection Agency, Office of Policy Analysis, Washington, DC. From 06/1990 to 08/1990.
- Graduate Student Assistant. California Department of Water Resources, Division of Planning, Sacramento, CA. From 05/1987 to 09/1988.
- Research Consultant. Western Consortium for Public Health, Berkeley, CA. From 05/1986 to 12/1986.
- Researcher. Ministry of the Environment, Waste Management Division, Helsinki, Finland. From 10/1984 to 08/1985.
- Researcher. Helsinki University of Technology, Department of Civil Engineering. From 06/1983 to 08/1985.
- Engineering Analyst. The Regional Waterworks of Tuusula, Finland. From 05/1982 to 09/1982.

8. Research funding as well as leadership and supervision

Research funding

- The Academy of Finland, Decentralizing Finland's energy regime: The triggers and dynamics of transition (DEFEND), University of Helsinki (with Peter Lund and Mika Järvinen, Aalto University), 2015-18. EUR 414 000, USD 497 000.
- Helsinki University Environment Centre (HENVI), Potential of continuous cover forestry for climate change mitigation, wood production and biodiversity protection (with Annikki Mäkelä et al., University of Helsinki, University of Jyväskylä and Finnish Meteorological Institute), 2015-17. EUR 85 000, USD 102 000.
- The Academy of Finland, Risk governance of carbon dioxide capture and storage (RICCS), University of Helsinki (with Carl-Johan Fogelholm, Aalto University), 2011-2014, EUR 450 000, USD 630 000.
- Helsinki University Centre for Environment (HENVI), Optimizing forest management and conservation to account for multiple interactions with the climate, University of Helsinki (with Eero Nikinmaa), 2011-2014, EUR 118 000, USD 165 000.
- European Commission 6th Framework Programme SKEP ERA-NET Project (Scientific Knowledge for Environmental Protection), Nanomaterials in REACH - evaluation of applicability of existing procedures for chemical safety assessment to nanomaterials (nanoREACH), Workpackage on Precautionary procedures for nanomaterial safety assessment, University of Helsinki (with Kungliga Tekniska Högskolan KTH, Sweden; University of Birmingham, UK; University College Dublin, Ireland), 2010. EUR 106 000, USD 152 000.
- Maj and Tor Nessling Foundation, Innovative environmental regulation with expanded expertise: Integration of facts and values in expert deliberation over environmental monitoring in the Baltic Sea (RegEx), University of Helsinki (with Marja-Liisa Riekkola, University of Helsinki), 2010-2013. EUR 155 125, USD 217 175.
- European Commission 7th Framework Large Scale Integrating Collaborative Project, Nanopatterning, Production and Applications Based on Nanoimprinting Lithography (NaPANIL), workpackage on dissemination and exploitation: social-ecological analysis of nanopatterning and related applications, University of Helsinki (consortium of 20 European partners coordinated by VTT Finland), 2008-2012. EUR 138 000, USD 207 000.
- Finnish Ministry of Education, Center for International Mobility (CIMO) Fellowship to support Miklós Antal from Budapest University of Technology and Economics as a visiting doctoral researcher at the Department of Social Policy, University of Helsinki, 2009. EUR 7 200, USD 10 000.
- Nordregio/Nordic Council of Ministers, Knowledge-Based Tools for Sustainable Governance of Energy and Climate Adaptation in the Nordic Periphery, Helsinki University of Technology (with Nordregio, Sweden; Roskilde University, Denmark; Statistics Greenland), 2007-2009. EUR 156 000, USD 226 000.
- The Academy of Finland, Pro-Environmental Product Planning in a Dynamic Operational Environment Now and in Future—Methods and Tools, Helsinki University of Technology (with Kari Heiskanen), 2007-2010. EUR 172 000, USD 225 000.
- The Academy of Finland Contract for assessment project Academy of Finland and the Promotion of Integrative Research, Helsinki University of Technology (with Julie Thompson Klein, Wayne State University, USA; Henrik Bruun, Katri Huutoniemi, Helsinki University of Technology), 2004-2005. EUR 51 000, USD 62 000.
- The Academy of Finland, Analogy as an Analytical Approach to Industrial Ecology and Ecosystem Management, Helsinki University of Technology (with Emery Roe, Mills College, USA; Christoph Bey,

- La Rochelle Business School, France; Yrjö Haila, University of Tampere), 2003-2006. EUR 363 000, USD 436 000.
- National Technology Agency of Finland (Tekes), Managing Transdisciplinary Innovation Processes, Helsinki University of Technology (with Henrik Bruun), 2002-2005. EUR 564 000, USD 677 000.
 - European Commission Directorate General XII 5th Framework Programme, The Challenges of Modernity for Reindeer Management: Integration and Sustainable Development in Europe's Subarctic and Boreal Regions, Helsinki University of Technology, 2001-2004. EUR 301 000, USD 362 000.
 - The Academy of Finland, Socio-Cultural Dimensions of Technological Change: The Case of Finnish Biotechnology, Helsinki University of Technology (with Henrik Bruun), 2000-2004. EUR 263 000, USD 316 000.
 - Nordregio/Nordic Council of Ministers, In Search of Process Based Regional Development Policy, Helsinki University of Technology and University of Tampere, 2000-2001.
 - The Academy of Finland, Ecological Modernisation in the Barents Euro-Arctic Region through Institutional and Technological Innovations, Helsinki University of Technology, 2000-2002. EUR 237 000, USD 285 000.
 - Helsinki University of Technology, PhD network on Environmental Synergies, Helsinki University of Technology, Helsinki School of Economics and Business Administration, and University of Tampere, 2000 and 2001.
 - The Academy of Finland, PhD network on Environmental Synergies, Helsinki University of Technology, Helsinki School of Economics and Business Administration, and University of Tampere, 2000.
 - Nordregio/Nordic Council of Ministers, Future Challenges and Institutional Preconditions of Environmental Sustainability in Nordic Regional Development Policy, Helsinki University of Technology, 1999. DKK 100 000, USD 17 000.
 - The Academy of Finland, Sustainable Development and the Co-Evolution of Finnish Forest Sector and Forest Ecosystems, Helsinki University of Technology and University of Tampere (with Yrjö Haila), 1999.
 - Finnish Fulbright Center, support for an American lecturer in Arctic Studies at the Arctic Centre, University of Lapland, Rovaniemi, Finland, 2000-2001.
 - NorFA Grant to support a Circumpolar PhD Network in Environmental Studies, Rovaniemi, Finland, 1999-2000.
 - The Academy of Finland, organizing a scientific conference on the establishment of a Scandinavian/North European High Latitude Ecological Transect, SCANTRAN, Arctic Centre, University of Lapland, 1998.
 - University of Lapland Research Grant to support a senior researcher in the research project Reindeer Management as Environmental Management, Rovaniemi, Finland, 1998.
 - Maj and Tor Nessling Foundation, book project Institutions of Environmental Management, Arctic Centre, University of Lapland, Rovaniemi, Finland, 1997-1998. FIM 68 000, USD 14 000.
 - Dutch Government International Development Cooperation (DGIS) funding under the Sino-Dutch Management Training Development Project, research on environmental management in China, Hunan Economic Management College, Changsha, China, 1994-1995.
 - The Academy of Finland, futures research in Finnish waste management, Laboratory of Urban Planning and Building Design, Technical Research Centre of Finland, 1992-1993. FIM 87 000, USD 18 000.
 - Technology Development Centre of Finland (Tekes), futures research in Finnish waste management, Laboratory of Urban Planning and Building Design, Technical Research Centre of Finland, 1992-1993. FIM 340 000, USD 68 000.
 - Ministry of the Environment of Finland, futures research in Finnish waste management, Laboratory of Urban Planning and Building Design, Technical Research Centre of Finland, 1991-1993. FIM 608 000, USD 122 000.
 - U.S. Environmental Protection Agency (EPA), research on the use of computer models in agricultural drainage policy, Department of Agricultural and Resource Economics, University of California, Berkeley, 1990-1991.
 - The Academy of Finland Grants for PhD studies, Environmental Engineering Group, University of California, Berkeley, 1986-1987, 1988-1989, and 1990. FIM 180 000, USD 36 000.
 - California Department of Water Resources/Hornet Foundation, research on California's agricultural drainage policy, Environmental Engineering Group, University of California, Berkeley, 1987-1988.
 - U.C. Berkeley Foreign Student and Scholar Services Grant-in-Aid, PhD studies at the University of California, Berkeley, 1986-1987.

- Director of Environmental Policy Research Group (EPRG), University of Helsinki, Finland, since 2008
- Director of Laboratory of Environmental Protection, Helsinki University of Technology, Finland, 1999-2008
- Director of Arctic Centre, University of Lapland, Finland, 1996-1999

Supervision of post-doc researchers

- Daria Gritsenko, University of Helsinki, since 2016
- Antti Silvast, University of Helsinki, since 2013
- Nina Janasik-Honkela, University of Helsinki, since 2011
- Katri Huutoniemi, University of Helsinki, 2013-2015
- Arho Toikka, University of Helsinki, 2011-2015
- Olli Salmi, Helsinki University of Technology, 2008-2010
- Richard Langlais, Helsinki University of Technology, 2002-2006
- Henrik Bruun, Helsinki University of Technology, 2000-2006

Supervisor or principal advisor of completed doctoral dissertations

- Jarkko Levänen, Overcoming the institutional obstacles of industrial recycling, University of Helsinki, 2008-2015
- Paula Saikkonen, Riskitieto kuntapäätöksenteossa: Tapauksena saastunut maaperä Helsingissä (Risk knowledge in municipal decision making: The case of polluted soil in Helsinki), University of Helsinki, 2008-2015
- Maria Höyssä, Where science meets its use: Exploring the emergence of the practical relevance of scientific knowledge in the regional context, University of Turku, 2000-2013
- Antti Silvast (member of supervisory panel), Anticipating interruptions: Security and risk in a liberalized electricity infrastructure, University of Helsinki, 2008-2013
- Katri Huutoniemi, Interdisciplinary accountability in the evaluation of research proposals: Prospects for academic quality control across disciplinary boundaries, University of Helsinki, 2008-2012
- Antto Vihma, Soft law, hard law and the North-South politics of climate change, University of Helsinki, 2008-2012
- Annukka Berg, The multiple faces of a sustainability strategy: Analysing Finland's programme to promote sustainable consumption and production, University of Helsinki, 2008-2012
- Nina Honkela (ex. Janasik), A cognitive and pragmatic account of innovation: Domesticating the probiotic *Gefilus* in Finland, Aalto University, 2001-2011
- Arho Toikka, Governance theory as a framework for empirical research: A case study on local environmental policy-making in Helsinki, Finland, University of Helsinki, 2008-2011
- Anu Tuominen, Knowledge production for transportation policies in the information society. Helsinki University of Technology, 1999-2010
- Olli Salmi, Sulphur, science and sustainability: Environmental governance of mining in the Russian Kola Peninsula. Helsinki University of Technology, 2000-2008
- Mikko Rask, Expansion of expertise in the governance of science and technology. Helsinki University of Technology, 2000-2008
- Chi Augustine Muam, Cameroon, Co-Management of Forest in Cameroon: The Compatibility of Government Policies with Indigenous Practices. University of Twente and Maastricht School of Management, 1994-1999

Officially appointed supervisor to doctoral students

- Roope Kaaronen, University of Helsinki, since 2016
- Marja Salo, University of Helsinki, since 2016
- Kamilla Karhunmaa, University of Helsinki, since 2015
- Karoliina Isoaho, University of Helsinki, since 2015
- Senja Laakso, University of Helsinki, since 2015
- Farid Karimi, University of Helsinki, since 2012
- Johan Munck af Rosenschöld, University of Helsinki, since 2011

Officially appointed supervisor or principal advisor of completed master's theses

- Roope Kaaronen, University of Helsinki, 2016
- Ella Koljonen, University of Helsinki, 2016
- Liisa Haapanen (ex. Schultz), University of Helsinki, 2014
- Iida-Elina Kiminki, University of Helsinki, 2014
- Julia Luotola, University of Helsinki, 2014

- Mia Malin, University of Helsinki, 2014
- Elina Mattero, University of Helsinki, 2014
- Anna Salomaa, University of Helsinki, 2013
- Sampsa Nisonen, University of Helsinki, 2012
- Reijja Mikkola, University of Helsinki, 2012
- Anna-Mari Lehmonen, University of Helsinki, 2012
- Anna-Marja Kukkanen, University of Helsinki, 2012
- Laura Kihlström, University of Helsinki, 2010
- Laura Korhonen, University of Helsinki, 2010
- Maarit Kiviranta, University of Helsinki, 2009
- Antti Malkki, University of Helsinki, 2009
- Stephanie Forsblom, Helsinki University of Technology, 2008
- Jarkko Levänen, Helsinki University of Technology, 2008
- Sami Heikkilä, Helsinki University of Technology, 2007
- Timo Eskola, Helsinki University of Technology, 2007
- Anna Laiho, Helsinki University of Technology, 2007
- Arja Huttunen (licentiate thesis), University of Lapland and Helsinki University of Technology, 2005
- Anni Nieminen, Helsinki University of Technology, 2005
- Isto Nuorkivi, Helsinki University of Technology, 2005
- Salla Hänninen, Helsinki University of Technology, 2005
- Marko Myllymäki, Helsinki University of Technology, 2005
- Elina Nikkola, Helsinki University of Technology, 2001
- Akseli Summa, Helsinki University of Technology, 2001
- Heli Hyvättinen, University of Helsinki, 2001
- Olli Salmi, Åbo Academi University, 2000
- MBA thesis advisor to several students at Maastricht School of Management, 1993-1996
- Executive Program final research paper advisor for 3 programs at Maastricht School of Management, 1993-1996

9. Merits in teaching and pedagogical competence

- Member of the Board of Directors of Doctoral Program in Interdisciplinary Environmental Sciences (DENVI), University of Helsinki, since 2013-2015.
- Member of the Board of Directors of the Finnish Graduate School in Environmental Social Science (YHTYMÄ), national doctoral school coordinated by University of Tampere, 2001-2013.
- Member of the Board of Directors of the Finnish Graduate School in Science and Technology Studies (TITEKO), national doctoral school coordinated by University of Helsinki, 2001-2013.
- Member of the Board of Directors of the Finnish Graduate School in Arctic Studies (ARKTIS), national doctoral school coordinated by the Arctic Centre of the University of Lapland, 2010-2013.
- Member of the Board of Directors of the Finnish Graduate School in Future Business Competencies (TULIO), national doctoral school coordinated by Turku School of Economics, 2006-2009.
- Planning and teaching Environmental Policy program, PhD major and M.Soc.Sci. minor at University of Helsinki, since 2008.
- Planning and teaching Environmental Strategies and Technology Assessment, PhD and MSc/engineering major at Helsinki University of Technology, Finland, 2000-2008.
- Planning university wide MSc level environmental technology program, Helsinki University of Technology, Finland, 1999-2002.
- Planning and teaching Environmental Protection and Environmental Strategies MSc/engineering level minor at Helsinki University of Technology, Finland, 1999-2000.
- Chair of the Administrative Board of the Arctic Studies Programme (ASP), Arctic Centre, University of Lapland, Rovaniemi, Finland, 1997-1998.
- Planning Master of Business Administration (MBA) program in Environmental Management, Maastricht School of Management, Netherlands, 1995-1996.
- Planning and teaching European Community MedCampus Environmental Management for Egyptian Industries Executive Program (6 weeks), Management Development Centre for Industry, Cairo, Egypt, June 1995 and Maastricht School of Management, Netherlands, September 1995.
- Planning and teaching Management of the Environment Executive Program (14 weeks each), Maastricht School of Management, Netherlands, Sep-Dec 1994 and 1995.
- Planning and teaching Practical Seminar in Environmental Management (1 week), The Hunan Economic Management College, Changsha, China, Apr 1995.

- Teaching Management Research Methodology Seminar (1 week), The Hunan Economic Management College, Changsha, China, Nov 1994.

10. Awards, prizes and honours

- Nominee (1 of 7) for Kone Foundation's 2015 Academic Writing Award (Vuoden Tiedekynä) for academic article demonstrating exemplary use of the Finnish language, 2015.
- Finnish Foundations' Professor Pool sabbatical year research fellowship, 2014.
- Finnish Nature League's Hedgehog's Thumb Prize (Luonto-Liiton Siilin peukku –palkinto) to members of the Finnish Professor Group on New Energy Policy, 2014.
- Member of The Finnish Society of Sciences and Letters (Suomen Tiedeseura), Section on Social Sciences, since 2012.
- Co-Author of book winning the Finnish State Award for Public Information, *Ihminen ja ympäristö* (Humanity and Environment), J. Niemelä, E. Furman, A. Halkka, E.-L. Hallanaro, S. Sorvari, eds, 2012.
- Eco-Foundation's Eco-Senator (Ekosäätiön Ekosenaattori), honorary advisory group member, since 2012.
- Finnish Association for Nature Conservation Lapland Environment Prize to the signatories of the researchers' open letter on Lapland's old growth forests, 2007.
- Visiting Scholar at University of California, Santa Barbara, Bren School of Environmental Science and Management, sabbatical year, 2006.
- The Academy of Finland Senior Scientist Fellowship, sabbatical year funding for writing an academic textbook on sustainability strategies, 2006.
- World Futures Studies Federation XIII World Conference Editorial Committee's Special Mention for paper presented in Turku, Finland, 23-27 August 1993.
- Post-Doctoral Research Fellow at University of California, Berkeley, Department of Agricultural and Resource Economics, 1990-1991.
- Harold D. Lasswell Award for the best article in volume 23 of *Policy Sciences*, published by Kluwer Academic Publishers (Hukkinen, J., Roe, E., and Rochlin, G. I., 1990, *Policy Sciences* 23:307-329).
- American Association for the Advancement of Science/U.S. Environmental Protection Agency Environmental Science and Engineering Fellowship, Washington, DC, Summer 1990.
- The Finnish Cultural Fund Fellowships (Suomen Kulttuurirahasto) for PhD studies at the University of California, Berkeley, 1988-1989 and 1990.
- U.C. Berkeley Tuition Scholarship for PhD studies at the University of California, Berkeley, 1988.
- Fulbright/YIT Fellowship for PhD studies in Environmental Engineering at the University of California, Berkeley, 1985-1986.

11. Other academic merits

Pre-examiner or opponent of a doctoral dissertation, member in dissertation committee

- Stefan Drews, Autonomous University of Barcelona, Spain. Public and scientific opinion on climate policy, economic growth and the environment. Opponent (Vocal of the Examining Board), 2016.
- Christian Dymén, KTH Royal Institute of Technology, Stockholm, Sweden. Engendering spatial planning: A gender perspective on municipal climate change response. Member of examination board, 2014.
- Jampel Dell'Angelo, Autonomous University of Barcelona, Spain and Sapienza University of Rome, Italy (joint doctoral degree). Abusing the commons? An integrated institutional analysis of common-pool resource governance in conflict situations. Opponent (Vocal of the Examining Board), 2013.
- Päivi Haapasaaari, University of Helsinki. Addressing human-induced uncertainty in fisheries management: Social scientific and interdisciplinary solutions using Bayesian Belief Networks. Pre-examiner, 2012
- Kaisa Raitio, University of Joensuu. "You can't please everyone"—Conflict management practices, frames and institutions in Finnish state forests. Opponent, 2008
- Petrus Kautto, Helsinki School of Economics. Who holds the reins in Integrated Product Policy? An individual company as a target of regulation and as a policy maker. Pre-examiner, 2008
- Ulla Rosenström, University of Helsinki. Sustainable development indicators: Much wanted, less used? Pre-examiner, 2007-2008
- Markku Lehtonen, Université de Versailles Saint-Quentin-en-Yvelines, France. Environmental policy evaluation in the service of sustainable development: Influence of the OECD Environmental Performance Reviews from the perspective of institutional economics. Dissertation rapporteur, 2005
- Maria Åkerman, University of Tampere. The practices of knowledge production and the constitution of actors in environmental policy: Politics of boundary spanning and combination (Tiedon tuotannon

käytännöt ja ympäristöpoliittinen toimijuus: rajaamisen ja yhdistämisen politiikkaa), in Finnish. Pre-examiner, 2005

- Juha Hiedanpää, University of Tampere. Making environmental policies reasonable: A study of the consequences of social diversity for regional policy in SW Finland. Pre-examiner, 2004
- Mika Kuisma, Helsinki School of Economics and Business Administration. Divergent change of the practices and policies of environmental management in paper and pulp companies. An investigation based on institutional and competitive strategy perspectives (Ympäristöjohtamisen käytäntöjen ja politiikkojen erisuuntainen muutos sellu- ja paperiteollisuusyhtiöissä. Institutionaaliseen ja kilpailustrategiseen näkökulmaan perustuva tarkastelu), in Finnish. Opponent, 2003-2004
- Mika Kuisma, Helsinki School of Economics and Business Administration. Pre-examiner, 2003-2004

Pre-examiner of a licentiate dissertation

- Margareta Wihersaari, Helsinki University of Technology, Finland, 2000
- Anna Kärnä, Helsinki School of Economics and Business Administration, Finland, 1999
- Jukka Hoffrén, University of Tampere, Finland, 1999
- Tuula Peura, Helsinki University of Technology, Finland, 1997-1998.

Evaluation of academic/scientific or artistic competence

- Professor of Sustainable Consumption at University of Helsinki (chair of selection committee), 2016
- Professor of Consumer Citizenship at University of Helsinki (chair of selection committee), 2016
- Professor in Climate Law and Policy at University of Eastern Finland, 2015
- Professor in International Forest Policy at University of Helsinki (member of selection committee), 2015-2016
- Professor of Environmental Policy at University of Tampere, Finland, 2013-2014
- Tenure track or tenured Professor in Environmental Engineering at Aalto University, Finland, 2013
- Professor of Social Policy at University of Helsinki (member of selection committee), 2013-2014
- Professor of Natural Resource Policy at University of Eastern Finland, 2013
- Permanent professor at Helmholtz Centre for Environmental Research – UFZ, Leipzig, Germany, 2012
- Professor of Social Policy at University of Helsinki (member of selection committee), 2012
- Tenure track Professor of Urban Environmental Policy at University of Helsinki (member of selection committee), 2011-2012
- Professor of Science and Technology Studies at University of Helsinki (member of selection committee), 2010-2011
- Professor of Russian Energy Policy at University of Helsinki (member of selection committee), 2010
- Research Professors (4) at Finnish Environment Institute, 2010
- Professor of Waste Management at Helsinki University of Technology (member of selection committee), 2005
- Professor of Business Economics/National Economics, with specialization in Ecological Economics at Mälardalen University, Sweden, 2004
- Research Professor in Energy and Environmental Technology (esp. management of greenhouse gas emissions) at Technical Research Centre of Finland (VTT), 2002
- Professor of Water and Wastewater Engineering at Helsinki University of Technology (member of selection committee), 2001-2002
- Professor in Organizations and Management at Helsinki School of Economics and Business Administration, 1998
- Docent in Futures Studies, esp. energy and environmental policy, University of Turku School of Economics, 2015.
- Docent in Anthropology of Environmental Governance at University of Oulu, Finland, 2013
- Docent in Social and Public Policy at University of Jyväskylä, Finland, 2012
- Docent in Forest and Environmental Policy at University of Joensuu, Finland, 2009
- Docent in Environmental Policy at University of Helsinki, Finland, 2005
- Lecturer in Environmental Protection Science at the Faculty of Agriculture and Forestry at the University of Helsinki, 2003
- Docent in Environmental Policy at University of Tampere, Finland, with specialization in institutions in environmental management, 2001
- Docent in Planning and Decision Making in Environmental Policy at University of Tampere, with specialization in environmental impact assessment, 2000
- Docent in Organizations and Management at Helsinki School of Economics and Business Administration, with specialization in environmental and safety management, 2000

Member of international peer evaluation committees of funding applications

- University of Strasbourg Institute for Advanced Study (USIAS) 2017 Fellowships, 2016
- Xi'an Jiaotong-Liverpool University (XJTLU) China, Research Development Fund, 2015
- The Netherlands Organisation for Scientific Research (NWO), Social Sciences Board's Open Programme, 2006
- The US National Science Foundation (NSF), Arctic Social Sciences Program, 2003
- Estonian Science Foundation, based on scientific cooperation between Academy of Finland and Estonian Science Foundation, 2003, 2002
- Academy of Finland, Research Council for Natural Sciences and Engineering, 2003
- Academy of Finland, Research Council for Culture and Society, 2000
- National Evaluator of European Union's LIFE Environment Programme, 1999
- Academy of Finland, Research program on ecological construction, 1996
- Member of the A.E. Nordenskiöld Stipend Committee of the Lapland Fund of Finnish Cultural Fund Fellowship Program, 1996-1999

Memberships and positions of trust in scientific and scholarly societies

- Member of the Board of European Society for Ecological Economics (ESEE), 2006-2012.
- Chair (2011-2013), Vice Chair (2003-2006) and Member of the Executive Board of Finnish Society for Environmental Social Science (1998-2015).
- Vice Chair and Member of the Executive Board of Finnish Society for Science and Technology Studies, 2001-2006.
- Member of the Executive Board of Finnish Society for Futures Studies, 1997-1999.
- Member of the Association of the Finnish Cultural Fund (Suomen Kulttuurirahaston Kannatusyhdistys ry), since 2002.
- American Association for the Advancement of Science (AAAS), since 1986.
- International Society for Ecological Economics (ISEE), since 1994.
- Society for Social Studies of Science (4S), since 2005.
- Finnish Society for Futures Studies, since 1992.
- Finnish Society for Environmental Social Science, since 1997.
- Lapland Research Society, since 1999.
- Finnish Society for Science and Technology Studies, since 2001.

Membership in national or international expert groups, evaluation or steering committees, as well as other expert duties

- Member of the Expert Committee of the Maj and Tor Nessling Foundation, Finland, 2016-2018
- Advisory Board member, Research network for forward-looking activities and assessment of research and innovation prospects in the fields of climate, resource efficiency and raw materials (RECREATE), European Commission 7th Framework Programme Coordinated Action, since 2014
- Member of Panel of Experts, evaluation of the Sustainable Growth Model for Finland project, Finnish Innovation Fund Sitra and Prime Minister's Office, 2013
- Member of the European Commission's 7th Framework Programme Environment and Climate Scientific Advisory Group, 2008-2012.
- Member of Panel of Experts, final evaluation of the Environment cluster Research and Development Programme of Finland, Ministry of the Environment, 2009
- Independent expert consulted for the Finnish Environment Institute international evaluation, Helsinki, 27 November 2008
- Assessment of the Promotion of Integrative Research by the Academy of Finland, with Julie Thompson Klein, Wayne State University, USA and Henrik Bruun and Katri Huutoniemi, Helsinki University of Technology, 2004-2005
- Peer reviewer of the Arctic Human Development Report (AHDR), scientific assessment project by the Arctic Council's Sustainable Development Working Group, 2004
- Member of an International Expert Panel reviewing an application to the Canadian Network of Centres of Excellence, an initiative by Canadian Institutes of Health Research (CIHR), Natural Sciences and Engineering Research Council (NSERC), Social Sciences and Humanities Research Council of Canada (SSHRC), and Industry Canada, 2003
- Chair of Panel of Experts, interim evaluation of the Environment Cluster Research and Development Programme of Finland, Ministry of the Environment, 2001
- Member of an International Panel of Experts evaluating the Finnish Environment Institute, Helsinki, Finland, 1998

- Independent expert of OECD (Organization for Economic Co-operation and Development) environmental performance review of Finland, Helsinki, 10-17 September 1996

Positions as editor-in-chief, editor, or member of editorial boards of scientific and scholarly journals and publication series

- Editor, *Ecological Economics* (Elsevier) since 2015
- Consulting Editor, *Global Challenges* (Wiley) since 2015
- Associate Editor, *Journal of Integrative Environmental Sciences* (formerly *Environmental Sciences—Journal of Integrative Environmental Research*) (Taylor & Francis) since 2003
- Editorial Board Member, *International Journal of Learning and Change* (Inderscience) since 2003
- Co-editor (with Richard Langlais) of a special issue of *Acta Borealia* (Taylor & Francis) 1999

Referee for scientific and scholarly journals

- *Acta Sociologica* (Sage) 1999
- *Biodiversity and Conservation* (Springer) 2008
- *Business Strategy and the Environment* (Wiley) 2011
- *Ecological Economics* (Elsevier) 2015, 2014 (5 times), 2013 (3 times), 2012 (3 times), 2011 (3 times), 2010 (6 times), 2009 (2 times), 2005, 2004, 2003, 2002, 2001, 1997
- *Ecological Indicators* (Elsevier) 2012 (2 times)
- *Energy Policy* (Elsevier) 2012 (3 times), 2011 (3 times), 2010
- *environment and planning a* (Pion) 1998
- *Environmental Impact Assessment Review* (Elsevier) 2000
- *Environmental Policy and Governance* (Wiley) 2013, 2012 (2 times), 2010, 2009
- *Environmental Sciences—Journal of Integrative Environmental Research* (Taylor & Francis) 2007 (2 times), 2004
- *Environmental Values* (White Horse Press) 2015
- *Global Environmental Change* (Elsevier) 2015, 2010 (2 times)
- *Human Organization* (Society for Applied Anthropology) 2008
- *International Journal of Environment and Sustainable Development* (Inderscience) 2005
- *Journal of Cleaner Production* (Elsevier) 2015, 2010 (2 times)
- *Journal of Environmental Management* (Elsevier) 2009
- *Journal of Industrial Ecology* (Wiley) 2013
- *Journal of Integrative Environmental Sciences* (Taylor & Francis) 2014, 2013
- *Journal of Planning Education and Research* (Sage) 2012, 2010
- *Journal of Rural Studies* (Elsevier) 2007
- *Journal of Water Resources Planning and Management, ASCE*, 1991-92
- *Land Use Policy* (Elsevier) 2014, 2012
- *Metsätieteen aikakauskirja (Finnish Journal of Forest Science)* (Finnish Society of Forest Science and Finnish Forest Research Institute) 2005
- *Polar Record* (Cambridge University Press) 2013
- *Regional Environmental Change* (Springer) 2011 (2 times)
- *Resources, Conservation and Recycling* (Elsevier) 2001
- *Scandinavian Journal of Management* (Elsevier) 2006
- *Social Studies of Science* (Sage) 2013
- *Terra* (Geographical Society of Finland) 2011

Referee for scientific and scholarly books

- World Scientific Publishing, Singapore, textbook proposal in environmental policy, 2012
- Routledge, London, textbook proposal in ecological economics, 2008

Administrative responsibilities at higher education institutions or at research organisations, responsibilities in the higher education community

- Deputy Chair of the Department of Social Research, Faculty of Social Sciences, University of Helsinki, 2016-2017.
- Member of Task Force preparing the Helsinki Sustainability Science Centre (HSSC), University of Helsinki, 2016-2017.
- Chair of the Interim Board of Master's Program in Environmental Change and Global Sustainability, University of Helsinki, 2016.
- Member of the Faculty Council, Faculty of Social Sciences, University of Helsinki, since 2012.

- Chair of the Advisory Board of Finnish Environment Institute, 2010-2014; 2014-2018.
- Member of the Publication Forum of the Federation of Finnish Learned Societies, Finnish national forum of academics ranking national and international scientific publication channels, 2010-2013.
- Member of the Board of Ruralia Institute, University of Helsinki, since 2010.
- Member of the Steering Committee (2008-2010) and Expert Committee (since 2010) of Helsinki University Centre for Environment (HENVI).
- Member of the Board of Directors of Helsinki Institute of Science and Technology Studies (HIST), 2007-2012.
- Chair of an Inter-University Task Force developing the Helsinki Institute of Science and Technology Studies (HIST), Helsinki University of Technology, University of Helsinki, Helsinki School of Economics, 2004-2006.
- Member of the Board of Directors of the Helsinki University of Technology Centre for Urban and Regional Studies, 2001-2008.
- Member of an Expert Group of the Academy of Finland planning the research program on Spaces of Nature and Culture, 2000.
- Member of the Advisory Board of Finnish Futures Research Centre, Turku School of Economics and Business Administration, Finland, 2000-2004.
- Member of the Board of Directors of Finnish Futures Academy, national network university on futures studies, 1999-2008.
- Member of the Interim Council (1998-2000) and Council (2001) of the University of the Arctic, a circumpolar network university promoted by the Arctic Council of the eight circumpolar nations.
- Member of the Advisory Board of Finnish Agricultural Research Centre, Lapland Research Station, 1998-1999.
- Member of an International Task Force of the Arctic Council planning the University of the Arctic, 1997.

Invited keynote lectures abroad

- High-level Seminar on Energy Dialogue in EU: Science Providing Advice to Policy-makers, European Academies Science Advisory Council (EASAC) and Finnish Academy of Science and Letters, Helsinki, "Science-policy dialogue: Getting the topic, venue, time and intensity right," 4 May 2015.
- Philosophy of Science Seminar, Academy of Finland Centre of Excellence in the Philosophy of the Social Sciences, University of Helsinki, "Addressing the practical and ethical issues of nudging in environmental policy," 16 March 2015.
- World Conference of Science Journalists, Helsinki, Finland, Science Journalism: Critical Questioning in the Public Sphere, "Mental preparation for a vulnerable world," 24-28 June 2013.
- European Science Foundation (ESF) Junior Summit, Stresa, Italy, Water: Unite and Divide. Interdisciplinary approaches for a sustainable future, "Interdisciplinary reframing of the challenge to regulate endocrine disrupting chemicals in wastewater," 27-30 August 2012.
- European Society for Rural Sociology Summer School, Ristiina, Finland, Rural-Urban Relationships Revisited, "Limits to growth and the rural-urban relationship: A socio-cognitive perspective," 19-26 August 2012.
- Lithuanian Society for Young Researchers, Vilnius, Lithuania, Interdisciplinarity: How To Make It Work? Conference, "Hybrid expertise: Transdisciplinary excursions in Lapland," 26-27 January 2012.
- Alfried Krupp Wissenschaftskolleg Greifswald, Germany, Lecture series: Technik . Umwelt . Klima (Technology . Environment . Climate), "Mental models and sustainability: Computational and embodied cognition perspectives on socio-ecological systems," 15 November 2011.
- European Commission DG RTD, Brussels, Belgium, 10th Meeting of the Framework Programme for Sustainable Development Network, "Science-policy brokerage: Enhancing connectivity between research and policy-making in sustainable development," 29 June 2010.
- Delft University of Technology, the Netherlands, Faculty of Technology, Policy and Management, Workshop on Values in Socio-Technical Systems – Design, Ethics and Policy, key participant and presenter, 24 March 2010.
- European Commission DG RTD, Brussels, Belgium, 7th Framework Programme Environment and Climate Scientific Advisory Group, "Challenges of multilevel governance for sustainability," 16 September 2009.
- McGill University, Montréal, Canada, Department of Geography Geospectives Seminar, "Sustainability scenarios as instruments of power," 10 November 2006.
- Indiana University, Bloomington, The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, "Cross-scale vulnerability in Lapland ecosystem governance," 2 October 2006.

- University of California, Berkeley, Environmental Science, Policy and Management (ESPM) Colloquium Seminar, “Understanding cross-scale vulnerability in Lapland ecosystem governance,” 25 September 2006.
- Lancaster University, UK, Department of Sociology Open Seminar, “Interdisciplinary approaches to sustainability,” 25 April 2006.
- Organisation for Economic Cooperation and Development (OECD) and the German Federal Ministry of Education and Research (BMBF), International Workshop on the Evaluation of Publicly Funded Research, “Evaluation of multidisciplinary research and transinstitutional cooperation: Dismantling barriers, building bridges,” Berlin, Germany, 26-27 September 2005.
- European Commission 5th Framework Programme Advanced Study Course, Integrated Regional Impact Studies in the European North: Basic Issues, Methodologies and Regional Climate Modelling – II (IRISEN-II), “Environmental management as a means towards sustainable development in the European North: Models, scenarios and participation,” Abisko Scientific Research Station, Sweden, 20 July – 3 August 2002.
- Aalborg University, Denmark, International PhD seminar: Perspectives on Environmental Management, “Eco-efficiency as abandonment of nature,” 11-13 June 2001.
- European Commission, Setting Concepts into Motion: Sustainable Development and R&D Policies Conference, “Challenges of research policy on sustainability,” Bonn, Germany, 31 January – 4 February 2001.

12. Scientific and societal impact of research

- h-index: 20 (Google Scholar)
- Total number of publications: 172
- Total number of citations: 1470
- Most cited publications: *Research Policy* 39(1) (225 cit.), *Institutions in Environmental Management*, Routledge, 1999 (111 cit.), *Ecological Economics* 44(1) (105 cit.)
- Total number of articles of general interest since 1983: 35
- Co-author of book granted the Finnish State Award for Public Information in 2012
- Interviews in written or web based media since 2010: 25 (<https://tuhat.halvi.helsinki.fi/portal/en/>)

13. Positions of trust in society and other societal merits

- Expert Counsellor on the Environment for the Supreme Administrative Court of Finland, since 2000.
- Member of the Board of Trustees of WWF Finland, 2016-2019.
- Member of the Board of WWF Finland, 2010-2016.
- Member of Advisory Council of SaferGlobe Finland, since 2013.
- Member of Panel of Experts serving the Finnish National Commission on Sustainable Development, since 2014.
- Member of the Board of the Ilmari Turja Society (Ilmari Turjan seura), Finland, since 2002.
- Permanent expert of Finland’s National Working Group for Ecosystem Services and Biodiversity, 2013-2014.
- Vice Member of Finnish National Commission on Sustainable Development, 2008-2012.
- Member of the Advisory Council of Eco-Foundation (Ekosäätöön valtuuskunta), Finland, 2004-2012.
- Member of the Helsinki Design Lab Sustainability Studio, international workshop on Pathway to Carbon Neutrality and Innovation in the Built Environment, Finnish Innovation Fund (Sitra), 24-28 May 2010.
- Member of the FinnSight 2015 Energy and Environment Panel developing future research and development strategies of the Academy of Finland and the National Technology Agency of Finland (Tekes), 2005-2006.
- Member of the IPCC (Intergovernmental Panel on Climate Change) National Working Group of Finland, 2002-2007.
- Member of an International Task Force of the International Human Dimensions Programme (IHDP) preparing a research plan on Institutional Dimensions of Global Change, 1997-1998.
- Vice Chairman of the Steering Committee of SCANTRAN, a scientific initiative to establish an ecological transect across Northern Europe and Scandinavia through collaboration of research sites, 1998-1999.
- Member of an Expert Group of the Nordic Council of Ministers preparing the Nordic Arctic Research Programme, 1997-1998.
- Contributing member of the Task Force on Arctic-Alpine Terrestrial Ecosystems Research Initiative (ARTERI), a European Commission Concerted Action Programme under Directorate General XII, 1997-1999.

- Member of the Council of the International Arctic Environment Data Directory (ADD), operating under the Global Resource Information Database of the United Nation's Environment Programme (UNEP/GRID-Arendal), 1997-1998.
- Member of the International Council of the Barents Centre for Social Research, Murmansk, Russia, 1997-1999.
- Member of the Executive Committee of the Northern Forum Academy, 1996-1999.
- Contributing expert to AEPS (Arctic Environment Protection Strategy) Workshop on Environmental Assessment guidelines for the Arctic arranged by the Finnish Environment Institute, Rovaniemi, Finland, 13-14 September 1996.
- Member of the Finnish delegation to the United Nations Economic Commission for Europe (UN/ECE) seminar on Low-Waste Technology and Environmentally Sound Products, Warsaw, 24-27 May 1993.
- Contributing member of the University of California Committee of Consultants on San Joaquin River Water Quality Objectives, 1987-1988.
- Secretary of the Wastes Research Advisory Board of the Ministry of the Environment of Finland, 1985-1986.
- Vice President of the Association of Civil Engineering Students of Helsinki University of Technology, 1980-1981.
- Chairman of the Study and Curriculum Planning Committee of the Association of Civil Engineering Students of Helsinki University of Technology, 1980-1981.

PUBLICATIONS**Janne I. Hukkinen**

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January 2017

A. PEER-REVIEWED SCIENTIFIC ARTICLES**(INTERNATIONAL)**

1. Hukkinen, J.I. (2016) A model of the temporal dynamics of knowledge brokerage in sustainable development, *Evidence & Policy*. Vol. 12, No. 3, pp. 321-340.
2. Karimi, F., A. Toikka, J.I. Hukkinen (2016) Comparative socio-cultural analysis of risk perception of Carbon Capture and Storage in the European Union, *Energy Research & Social Science*. Vol. 21, pp. 114-122.
3. Hukkinen, J.I. (2016) Addressing the practical and ethical issues of nudging in environmental policy, *Environmental Values*. Vol. 25, pp. 329-351.
4. Matthies, B.D, T. Kalliokoski, K. Eyvindson, N. Honkela, J.I. Hukkinen, N.J. Kuusinen, P. Räsänen, L.T. Valsta (2016) Nudging service providers and assessing service trade-offs to reduce the social inefficiencies of payments for ecosystem services schemes, *Environmental Science & Policy*. Vol. 55, pp. 228-237.
5. Munck af Rosenschöld, J., N. Honkela, J.I. Hukkinen (2014) Addressing the temporal fit of institutions: the regulation of endocrine-disrupting chemicals in Europe, *Ecology and Society*. Vol. 19, No. 4, p. 30. [online] URL: <http://www.ecologyandsociety.org/vol19/iss4/art30/>
6. Hukkinen, J.I., K.I. Huutoniemi (2014) Heuristics as cognitive tools for pursuing sustainability, in K. Huutoniemi and P. Tapio (eds) *Transdisciplinary Sustainability Studies: A Heuristic Approach*, London: Routledge, pp. 177-193.
7. Hukkinen, J.I. (2014) Model of the social-ecological system depends on model of the mind: Contrasting information-processing and embodied views of cognition, *Ecological Economics*. Vol. 99, pp. 100-109.
8. Honkela, N., A. Toikka, J. Hukkinen, T. Honkela (2014) Coming to grips with scientific ignorance in the governance of endocrine disrupting chemicals and nanoparticles, *Environmental Science & Policy*. Vol. 38, pp. 154-163.
9. Levänen, J.O. and J.I. Hukkinen (2013) A methodology for facilitating the feedback between mental models and institutional change in industrial ecosystem governance: A waste management case-study from northern Finland, *Ecological Economics*. Vol. 87, pp. 15-23.
10. Kopperi, M., J. Ruiz-Jiménez, J.I. Hukkinen, M.-L. Riekkola (2013) New way to quantify multiple steroidal compounds in wastewater by comprehensive two-dimensional gas chromatography – time-of-flight mass spectrometry, *Analytica Chimica Acta*. Vol. 761, pp. 217-226.
11. Hukkinen, J.I. (2012) Fit in the body: Matching embodied cognition with social-ecological systems, *Ecology and Society*. Vol. 17, No. 4, p. 30. [online] URL: <http://www.ecologyandsociety.org/vol17/iss4/art30/>
12. Salmi, O., J.I. Hukkinen, J. Heino, M. Pajunen, M. Wierink (2012) Governing the interplay between industrial ecosystems and environmental regulation: Heavy industries in the Gulf of Bothnia in Finland and Sweden, *Journal of Industrial Ecology*. Vol. 16, No. 1, pp. 119-128.
13. Berg, A. and Hukkinen J.I. (2011) The paradox of growth critique: Narrative analysis of the Finnish sustainable consumption and production debate, *Ecological Economics*. Vol. 72, pp. 151-160.
14. Berg, A. and J.I. Hukkinen (2011) Beyond effectiveness: The uses of Finland's national programme to promote sustainable consumption and production, *Journal of Cleaner Production*. Vol. 19, No. 16, pp. 1788-1797.
15. Antal, M. and J. Hukkinen (2010) The art of the cognitive war to save the planet, *Ecological Economics*, Vol. 69, No. 5, pp. 937-943.
16. Huutoniemi, K., J. Thompson Klein, H. Bruun and J. Hukkinen (2010) Analyzing interdisciplinarity: Typology and indicators, *Research Policy*, Vol. 39, No. 1, pp. 79-88.
17. Salmi, O.H. and J.I. Hukkinen (2007) Cultural contextualization of indicators of human-environment interaction: The case of the Kola mining network, *Environmental Sciences—Journal of Integrative Environmental Research*, Vol. 4, No. 4, pp. 209-228.
18. Hukkinen, J., H. Heikkinen, K. Raitio and L. Müller-Wille (2006) Dismantling the barriers to entrepreneurship in reindeer management in Finland, *International Journal of Entrepreneurship and Small Business*. Vol. 3, No. 6, pp. 705-727.
19. Hukkinen, J. (2006) Sustainability scenarios as interpretive frameworks for indicators of human-environment interaction, in P. Lawn (ed.), *Sustainable Development Indicators in Ecological Economics*, Cheltenham: Edward Elgar, pp. 291-316.
20. Müller-Wille, L., J. Hukkinen, F. Müller, M. Bölter, B.C. Forbes (2006) Synthesis: Environmental and socio-political conditions for modern reindeer management in Europe's North, in Forbes, B.C., M.

- Bölter, L. Müller-Wille, J. Hukkinen, F. Müller, N. Gunsley and Y. Konstantinov (eds), *Reindeer Management in Northernmost Europe: Linking Practical and Scientific Knowledge in Social-Ecological Systems*, Ecological Studies 184, Berlin Heidelberg: Springer-Verlag, pp. 365-379.
21. Hukkinen, J., L. Müller-Wille, P. Aikio, H. Heikkinen, O. Jääskö, A. Laakso, H. Magga, S. Nevalainen, O. Pokuri, K. Raitio and N. West (2006) Development of participatory institutions for reindeer management in Finland: A diagnosis of deliberation, knowledge integration and sustainability, in Forbes, B.C., M. Bölter, L. Müller-Wille, J. Hukkinen, F. Müller, N. Gunsley and Y. Konstantinov (eds), *Reindeer Management in Northernmost Europe: Linking Practical and Scientific Knowledge in Social-Ecological Systems*, Ecological Studies 184, Berlin Heidelberg: Springer-Verlag, pp. 47-71.
 22. Höyssä, M, H. Bruun and J. Hukkinen (2004) The co-evolution of social and physical infrastructure for biotechnology innovation in Turku, Finland, *Research Policy*, Vol. 33, No. 5, pp. 769-785.
 23. Hukkinen, J. (2004) Sustainability indicators for anticipating the fickleness of human-environmental interaction, in Sikdar, S.K., P. Glavič and R. Jain (eds), *Technological Choices for Sustainability*, Berlin Heidelberg: Springer-Verlag, pp. 317-333.
 24. Langlais, R., H. Bruun, J. Hukkinen and H. Fogelberg (2004) Anticipate the social dimensions of nanotechnology, *VEST-Journal for Science and Technology Studies*, Vol. 17, No. 3-4, pp. 25-37.
 25. Hukkinen, J. (2003) Sustainability indicators for anticipating the fickleness of human-environmental interaction, *Clean Technologies and Environmental Policy*, Vol. 5, No. 3-4, pp. 200-208.
 26. Bruun, H. and J. Hukkinen (2003) Crossing boundaries: An integrative framework for studying technological change, *Social Studies of Science*, Vol. 33, No. 1, pp. 95-116.
 27. Hukkinen, J. (2003) From groundless universalism to grounded generalism: Improving ecological economic indicators of human-environmental interaction, *Ecological Economics*, Vol. 44, No. 1, pp. 11-27.
 28. Bruun, H., J. Hukkinen, and E. Eklund (2002) Scenarios for coping with contingency: The case of aquaculture in the Finnish Archipelago Sea, *Technological Forecasting and Social Change*, Vol. 69, No. 2, pp. 107-127.
 29. Hukkinen, J. (2001) Eco-efficiency as abandonment of nature, *Ecological Economics*, Vol. 38, pp. 311-315.
 30. Hukkinen, J. (2000) At ease in a storm? Future challenges and institutional preconditions for environmental sustainability in Nordic regional development policy, in I. Karppi (ed.), *Future Challenges and Institutional Preconditions for Regional Development Policy*, Nordregio Report 2000:1, Stockholm: Nordregio, pp. 155-193.
 31. Müller-Wille, L. and J. Hukkinen (1999) Human environmental interactions in Upper Lapland, Finland: Development of participatory research strategies, *Acta Borealia*, Vol. 16, No. 2, pp. 43-61.
 32. Hukkinen, J. (1999) Innovating sustainability: Institutional requirements for organizational learning, in G. Schienstock and O. Kuusi (eds), *Transformation Towards a Learning Economy: The Challenge for the Finnish Innovation System*, Sitra 213, Helsinki: Finnish National Fund for Research and Development, pp. 377-384.
 33. Hukkinen, J. (1999) Expert thinking and environmental institutions, *Biodiversity and Conservation*, Vol. 8, No. 1, pp. 17-27.
 34. Hukkinen, J. (1998) Institutions, environmental management and long-term ecological sustenance, *Ambio*, Vol. 27, No. 2, pp. 112-117.
 35. Hukkinen, J. (1995) Corporatism as an impediment to ecological sustenance: The case of Finnish waste management, *Ecological Economics*, Vol. 15, No. 1, pp. 59-75.
 36. Hukkinen, J. (1995) Long-term environmental policy under corporatist institutions, *European Environment*, Vol. 5, No. 4, pp. 98-105.
 37. Hukkinen, J. (1995) Green virus: Exploring the environmental product concept, *Business Strategy and the Environment*, Vol. 4, No. 3, pp. 135-144.
 38. Hukkinen, J. (1995) Institutional barriers to waste reduction in Finland, in S. Zwerver, R.S.A.R. van Rompaey, M.T.J. Kok, and M.M. Berk (eds.), *Climate Change Research: Evaluation and Policy Implications*, Studies in Environmental Science 65B. Amsterdam: Elsevier, pp. 1109-1112.
 39. Roe, E., with J. Hukkinen and G. Rochlin (1994) A salt on the land: Finding the stories, nonstories, and metanarrative in the controversy over irrigation-related salinity and toxicity in California's San Joaquin valley, Ch. 5 in E. Roe, *Narrative Policy Analysis: Theory and Practice*. Durham: Duke University Press, pp. 86-107.
 40. Hukkinen, J. (1994) The way to Finnish waste: Cognitive mapping of expert scenarios on waste management, in M. Mannermaa, S. Inayatullah, and R. Slaughter (eds.), *Coherence and Chaos in Our Uncommon Futures -- Visions, Means, Actions*, selections from the XIII World Conference of World Futures Studies Federation, Turku, Finland, 23-27 August 1993. Turku: Finland Futures Research Centre, pp. 261-269 (winner of World Conference Editorial Committee's special mention).

41. Hukkinen, J. (1993) Institutional distortion of drainage modeling in Arkansas river basin, *Journal of Irrigation and Drainage Engineering, ASCE*, Vol. 119, No. 5, pp. 743-755.
42. Hukkinen, J. (1993) Bayesian analysis of agricultural drainage problems in California's San Joaquin valley, *Journal of Environmental Management*, Vol. 37, pp. 183-200.
43. Hukkinen, J. (1991) Irrigation-induced water quality problems: Can present agencies cope? *Journal of Soil and Water Conservation*, Vol. 46, No. 4, pp. 276-278.
44. Hukkinen, J. (1991) Sociotechnical analysis of irrigation drainage in Central California, *Journal of Water Resources Planning and Management, ASCE*, Vol. 117, No. 2, pp. 217-234.
45. Hukkinen, J., E. Roe, and G. Rochlin (1990) A salt on the land: A narrative analysis of the controversy over irrigation-related salinity and toxicity in California's San Joaquin valley, *Policy Sciences*, Vol. 23, No. 4, pp. 307-329 (winner of Harold D. Lasswell Award for best article).

(FINNISH OR SWEDISH)

46. Hukkinen, J.I. (2014) Tiedon integraatio ympäristöalalla (Knowledge integration in the environmental field) in Finnish, in I. Massa (ed.) *Polkuja yhteiskuntatieteelliseen ympäristötutkimukseen*. Helsinki: Gaudeamus, pp. 208-223.
47. Hukkinen, J.I. (2013) Talousvuoristoradan kyydissä (On board the economic roller coaster) in Finnish, in J. Hämeen-Anttila, K. Katajala, A. Sihvola, I. Hetemäki (eds) *Kaikki syntyy kriisistä*. Helsinki: Gaudeamus, pp. 124-137.
48. Hukkinen, J.I. (2012) Sietämätön kohtuutalous. Elämää velaksi vai luonnonvaratalouden nousu? (Unbearable degrowth. Life on credit or the rise of natural resource economy?) in Finnish, in P. Borg (ed.) *Polkuja metsään*. Helsinki: Into Kustannus, pp. 213-219.
49. Hukkinen, J.I. (2011) Ihmiskunnan pelastaminen on jokaisen vastuulla (Saving our civilization is everybody's responsibility) in Finnish, in P. Harju-Autti, A. Neuvonen, L. Hakkarainen (eds) *Ympäristötietoisuus—suomalaiset 2010-lukua tekemässä*. Helsinki: Ympäristöministeriö ja Rakennustieto, pp. 20-29.
50. Hukkinen, J.I. (2011) Olemmeko kestävyuden raiteilla? (Are we on the sustainability tracks?) in Finnish, Ch. 57 in J. Niemelä, E. Furman, A. Halkka, E.-L. Hallanaro, S. Sorvari (eds) *Ihminen ja ympäristö*. Helsinki: Gaudeamus Helsinki University Press, pp. 449-455.
51. Hukkinen, J.I. (2011) Degrowth on realismia eikä ideologiaa (Degrowth is realism and not ideology) in Finnish, in J. Donner-Amnell, S. Miina, J. Pykäläinen and S. Tuuva-Hongisto (eds) *Maailma haastaa—Metsä tulevaisuuden ratkaisuisissa*, Silva Carelica 56. Joensuu: Itä-Suomen yliopisto, pp. 43-44.
52. Hukkinen, J.I. (2011) Kohtuutalous, realismi ja usko (Degrowth, realism and belief) in Finnish, *Futura*, Vol. 30, No. 1, pp. 78-80.
53. Hukkinen, J. (2008) Viisaita suosituksia metsähallinnolle (Wise recommendations to the forest administration) in Finnish, in T. Määttä, A. Kumpula, K. Kokko, R. Sairinen, J. Similä (eds) *Ympäristöpolitiikan ja -oikeuden vuosikirja 2008*, Joensuu: Joensuun yliopisto, pp. 471-473.
54. Hukkinen, J. (2007) Kasvun rajojen määrittäminen (Setting the limits to growth) in Finnish, in K. Raivio, J. Rydman, A. Sinnemäki (eds) *Rajalla—tiede rajojaan etsimässä*, Helsinki: Gaudeamus, pp. 202-212.
55. Hukkinen, J. (2004) Läsnaolo luonnonvarojen kestäväen käytön edellytyksenä (Presence as a prerequisite for the sustainable use of natural resources) in Finnish, in J. Heinonen, G. von Hertzen, O. Kuusi (eds) *Nyt on ennen huomista—tutkielmia läsnäolosta*. Saarijärvi: Gummerus, Ekosäätiö ja Syöpäsäätiö, pp. 157-174.
56. Hukkinen, J. (2004) Teknologia on kuin laki! (Technology is like a law!) in Finnish, *Tiedepolitiikka*, Vol. 29, No. 3, pp. 15-18.
57. Hukkinen, J. (2004) Poronhoito—sosiaalinen innovaatio ja kansallinen tuotemerkki (Reindeer management—social innovation and national brand) in Finnish, *Poromies*, No. 1, pp. 48-51.
58. Hukkinen, J. (2003) Scenariot i maktens händer (Scenario in the hands of power) in Swedish, in H. Bruun, F. Lindberg and S. Inkinen (eds) *Framtiden in nuet. Om konsten att möta det okända*. Vanda: Söderströms, pp. 345-359.
59. Hukkinen, J. (2002) Skenaario vallan välineenä (Scenario as a tool for power), in Finnish, in S. Inkinen, H. Bruun and F. Lindberg (eds), *tulevaisuus.nyt—riskiyhteiskunnan haasteet ja mahdollisuudet*. Helsinki: Finn Lectura, pp. 277-286.
60. Hukkinen, J. (2001) TKK:n Ympäristönsuojelun laboratorio—Teknologian ja ympäristön vuorovaikutuksen asiantuntijoita (HUT Laboratory of Environmental Protection—Experts in technology-environment interaction), in Finnish, *Ympäristö+Tekniikka*, No. 4, p. 41.
61. Hukkinen, J. (2001) Mistä maailmankylä elää? Kuntien kestäväen kehityksen haasteet globalisoituvassa ympäristössä (What does the global village live off of? Sustainability challenges in municipalities in a globalizing environment), in Finnish, in M. Sotarauta and K. Majoinen (eds), *Kunnat virtaavassa*

- maailmassa—kuntien haasteet globaalissa verkostoyhteiskunnassa*. Helsinki: Suomen Kuntaliitto, pp. 59-74.
62. Hukkinen, J. and H. Bruun (2001) Tekijyys ja avustajuus kollektiivisessa tutkimuksessa (Authorship and assistance in collective research), in Finnish, *Tieteessä Tapahtuu*, Vol. 19, No. 4, pp. 51-52 (www.tsv.fi/tapaht/014/kesk.htm#huk).
 63. Hukkinen, J. (1996) Ympäristövaikutusten merkittävyys on arvostuskysymys (The significance of environmental impact is a judgment issue), in Finnish, *Impakti*, No. 2, pp. 16-17.
 64. Hukkinen, J. (1994) Asiantuntijoiden käsitykset tulevaisuudesta ja kauaskantoinen päätöksenteko (Expert conceptions of the future and long-term decision making), in Finnish, *Tiede ja Edistys*, Vol. 19, No. 3, pp. 214-225.
 65. Hukkinen, J. (1994) Kestävän jätehuollon institutionaaliset edellytykset Suomessa (Institutional preconditions for sustainable waste management in Finland), in Finnish, Ch. 13 in I. Kurki-Suonio and M. Heikkilä (eds.), *Kestävän kehityksen edellytykset Suomessa*. Helsinki: Tammi, pp. 711-746.
 66. Hukkinen, J. (1993) Teemahaastattelun käyttö tulevaisuuden tutkimuksessa: tulevaisuus sosiaalisena konstruktiona (Focused interview in futures research: Future as a social construct), in Finnish, Ch. 16 in M. Vapaavuori (ed.), *Miten tutkimme tulevaisuutta?* Acta Futura Fennica No. 5. Helsinki: Finnish Society for Futures Studies, pp. 181-192.
 67. Hukkinen, J. (1993) Jätteetön Suomi? (Wasteless Finland?), in Finnish, *Ympäristö ja Terveys*, Vol. 24, No. 1, pp. 3-7.
 68. Hukkinen, J. (1992) Suomen jätehuollon tulevaisuus: instituutioiden elinehtojen hahmottelua (The future of Finnish waste management: Conditions for the survival of institutions), in Finnish, *Yhteiskuntasuunnittelu*, Vol. 30, No. 2, pp. 25-35.
 69. Hukkinen, J. (1985) Jätehuolto kehitty—ammattikuvien ja koulutuksen on uudistettava (Waste management develops—reshaping of professional images and training needed), in Finnish, *Jäte ja Ympäristö*, Vol. 4, No. 1, pp. 8-11.
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F. PUBLIC ARTISTIC AND DESIGN ACTIVITIES

(N/A)

G. THESES

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H. PATENTS AND INVENTION DISCLOSURES

(N/A)

I. AUDIOVISUAL MATERIAL, ICT SOFTWARE

(N/A)