

Curriculum Vitae
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Jukka Hoffrén

Dr., Head of Research, Adjunct Professor
Statistics Finland & University of Helsinki
00022 Helsinki, Finland
E-mail: jukka.hoffren@helsinki.fi

Personal Information

Name: Jukka Hoffrén
Place of residence: Helsinki
Marital status: Married
Homepage: website: <http://www.jukkahoffren.com>

Education

PhD in Administrative Sciences (Environmental Policy) 2001, University of Tampere.
Licentiate of Administrative Sciences (Environmental Policy) 1999, University of Tampere.
Master of Science (Economics) 1992, University of Tampere.
Two-year “Special Qualifications in Management” -course 2005, Helsinki Business College

Research Career

The field of research of Jukka Hoffrén includes Environmental Statistics, Sustainable Development measurements, Ecological Economics and Industrial and Societal Ecology theories and applications as well as Sustainable development and Eco-efficiency indicators, Green GDP and other alternative measures of GDP, Material Flow and Environmental Accounting Systems as well as other relevant statistical methods and applications. Currently Dr. Hoffrén has focused his research work to statistical methods and scenarios, macroeconomic indicators, time-series analysis as well as to Eco-efficiency indicator research.

Dr. Jukka Hoffrén is currently employed by Statistics Finland (national statistical office) in the Statistical R&D Unit at Helsinki as a Head of Research. Dr. Hoffrén is also an adjunctant professor at the University of Helsinki (Applied statistics) since 2008. Previously he has carried out his research work at the Environmental Accounts and Economic Accounts -units at Statistics Finland from 1993 to 1997. In 1993 he was employed by the Tampere University of Technology as a Researcher and also in 1991 as a Research Trainee.

Research activities

Dr. Hoffrén involvement to academic research projects has been extensive during the past 20-years. Lately Dr. Hoffrén has been Statistics Finland’s project manager and the main researcher in EU/FP7/SMILE (2007-2011), EU/FP6/DECOIN (2006-2008) and EU/FP5/ECOSTAT (2000-2003) -Statistical Research and Development Projects that have been financed by the European Union research programmes. Between 2007 and 2010 Dr. Jukka Hoffrén has been involved as research fellow in the ”Indicator Framework for Eco-Efficiency Indicators (IFEE) -project financed by the Agency of Finland. Between 2003 and 2005 Dr. Jukka Hoffrén has been active research fellow in the ”Eco-efficiency now and in the future - comparative studies on state, sector and product levels (ETU)” -project co-ordinated by the Finland’s Futures Research Centre and financed by the National Technology Agency of Finland TEKES. Dr. Hoffrén has been the main researcher and project manager of this project at Statistics Finland.

The written production of Jukka Hoffrén is numerous and broad in scope. The most important scientific articles of Jukka Hoffrén have been published in Journal of Industrial Ecology and Progress in Industrial

Ecology. They include articles such as: Hoffrén, J. - Korhonen, J. (2007), Editorial: Eco-efficiency is important when it is strategic. *Progress in Industrial Ecology* 4:1/2, Hoffrén, J. (2007), Reconsidering quantification of Eco-efficiency: Application to a national economy. *Progress in Industrial Ecology* 3:6 and Hoffrén, J. - Luukkanen, J. - Kaivo-oja, J. (2001), Decomposition Analysis of Finnish Material Flows: 1960-1996. *Journal of Industrial Ecology* 4:4. Massachusetts Institute of Technology and Yale University.

The main publications of Dr. Hoffrén are his doctoral thesis (Hoffrén, J. (2001), *Measuring the Eco-efficiency of Welfare Generation in a National Economy. The Case of Finland*. Statistics Finland. Research Reports 233. Helsinki), as well as his licentiate thesis (Hoffrén, J. (1999), *The Economy as Generator of Wellbeing and Environmental Damage - Measuring Finnish Eco-efficiency*. Statistics Finland.) and the Ecological Economics textbook (Hoffrén, J. (1994), *Basics of ecological economics*. Gaudeamus kirja. Helsinki) that is used today by many Universities in Finland in teaching. The full list of Dr. Hoffrén's publications can be found at the website: <http://www.jukkahoffren.com>

Teaching experience

Teaching capabilities of Dr. Jukka Hoffrén are excellent. He has lectured in most of the Finnish Universities about sustainable development, environmental economics and environmental statistics since 1993. Hoffrén has conducted a demonstration lecture at University of Helsinki 29.1.2008 for the adjunct professor title and 1.10.2009 at Helsinki University of Technology for full professorship. His teaching skills demonstrations have been accepted. As an adjunct professor in applied statistics at University of Helsinki Hoffrén has kept special courses in environmental statistics at University of Helsinki in 2013, 2014 and 20015.

Dr. Hoffrén has also conducted as supervisor of university trainees at Statistics Finland R&D –unit in 1999-2013 and also steered some 1-3 trainees every year to compile their master thesis. In addition he has supervised many other master's thesis and doctoral dissertation on fields of environmental policy, economics and statistics in University of Helsinki and University of Turku.

Confidential posts

Dr. Jukka Hoffrén has been the President of the Finnish Statistical Society 2003-2006 and again since 2008. The Finnish Statistical Society, founded in 1920, is the oldest learned, non-profit-making society in Finland. As a chairman Dr. Hoffrén has also been an organiser and a host to annual Statistical Days in arranged at the University of Helsinki in May 2004, at University of Oulu in May 2005 and at Helsinki University of Technology in Espoo in May 2006. He has also co-hosted the Nordic Meeting of Statisticians in 2004.

Dr. Hoffrén has been invited in numerous governmental working groups as an expert analyst. Jukka Hoffrén has acted as the secretary of Working Group on Natural Resources and the Environment of Ministry of Environment in 1994-2005. The working group was appointed yearly i.e. 11 times. Dr. Hoffrén has been a member of Steering Group of Municipalities' Environmental costs and Gains -project of the Finnish Federation of Municipalities from 2005 to 2007. He has also been a member of Steering Group of Finnish Environmental Barometer of Municipalities -project of the Finnish Federation of Municipalities from 1999 to 2001 as well as a member of Working Group on Eco-efficiency of the Finnish Ministry of Trade and Industry from August 1997 to March 1998.

Dr. Jukka Hoffrén has been a member of the Editorial Board of "Progress in Industrial Ecology" Journal since 2003, reviewing as a referee the articles submitted to the Journal. He has also been a founding member of the Finnish Society of Industrial Ecology in 2005. He was organising the 11th annual International Sustainable Development Research Conference as an associate chair that was held in June 2005 in Helsinki. Dr. Hoffrén was the chairman of the Eco-efficiency stream of the conference. He also co-chaired the "Foresight Management in Corporations and Public Organisations -New Visions for Sustainability" – conference of Turku School of Economics and Business Administration in June 2005 at Helsinki.