

SAARA TAMMINEN

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Nationality: Finnish

CURRENT POSITION

1/2015 – **Senior Researcher**, VATT Institute for Economic Research
ongoing
Main areas of research: International economics, microdata analyses, firm heterogeneity, trade policies, environmental policies, CGE modelling, ex-ante and ex-post impact assessments.

PREVIOUS WORK EXPERIENCE

12/2014 – **Researcher**, VATT Institute for Economic Research, Policy Analysis and Modelling unit
02/2011
Main areas of research: CGE modelling, ex-ante impact assessments, international economics, sustainability of public budgets, economic structures, microdata analyses, firm heterogeneity and trade policy.

04 – 05/2011 **Researcher**, Prime Minister's Office, Policy Analysis Unit
Conducted a Spending Review.

01/2011 – **Economist/Consultant**, ECORYS Nederland BV, the Netherlands
09/2007
Working within the Industry, Trade and Competitiveness unit on various projects, project management, acquisitions and evaluations of projects related to trade, industrial and sectoral competitiveness, private sector development and economic development.

09/2007 – **Research Assistant**, ECORYS Nederland BV
09/2006
Main responsibilities: Assistance with research, project management and project acquisition.

EDUCATION

2014 – **PhD in Economics (International Macroeconomics)**, Utrecht University, School of Economics, the
2010
Netherlands (and Tjalling C. Koopmans Institute)
Dissertation topic: Heterogeneous firms, mark-ups and income inequality
Supervisor: Prof. dr. C. van Marrewijk

2007 – **MSc in Economics and Business (with Distinction)**, Erasmus University, School of Economics, the Netherlands
2006
Major: International economics

2006 – **BSc in Economics**, Helsinki School of Economics
2002
Major: Economics

OTHER EDUCATION

2012 **Course in dynamic general equilibrium modelling: Forecasting and policy analysis**, Centre of Policy Studies, Monash University, Washington D.C., 3.12.-7.12.2012.
Lecturers: Prof. Dr. Peter Dixon and Prof. Dr. Maureen Rimmer

2009 **Workshop on Economic Modelling, International Trade and Climate Policies, GAMS applications**, 10th WEM Workshop, 30.11 – 4.12.2009
Lecturers: Prof. Dr. Christoph B ringer, Dr. Casiano Manrique ja Dr. Jared Carbone

2008 **Non-Tariff Barriers quantification, methodological workshop (gravity modelling)**, ECORYS & Professors. J. Bergstrand, P. Egger ja J. Francois, March 2008, European Commission, DG Trade, Brysseli

2007 **Course on CGE and partial equilibrium modelling**, Prof. J. Francois & Dr. K. Berden, April 2007

RESEARCH INTERESTS

International economics, Firm heterogeneity, Trade and Environmental policies, CGE modelling, Ex-ante and Ex-post impact assessments

PUBLICATIONS (in English)

Tamminen, S. (2016): "Regional effects or none? Firms' profitability during the Great Recession in Finland", *Papers in Regional Science*, forthcoming.

Tamminen, S. (2014): 'Heterogeneous firms, mark-ups and income inequality', Tjalling C. Koopmans Dissertation Series, USE 023, ISBN 978-94-91870-09-5, Utrecht University. (PhD dissertation)

Tamminen, S. – Chang, H-H. (2013): 'Firm and sectoral heterogeneity in mark-up variability', *Journal of International Trade and Economic Development*, 22(1), 140-159.

Ahokas, J. – Kinnunen, J. – Honkatukia, J. – Simola, A. – Tamminen, S. (2013): 'Regionalization and its effects in Finland – a regional AGE modelling analysis', VATT Working Paper 45, 2013.

Tamminen, S. – Tuomaala, E. (2012): 'Variation in price and substitution elasticities between sectors – a microdata analysis', VATT Working Paper 34, 2012.

Tamminen, S. – Jussila, M. - Kinnunen, J. (2012): 'The Estimation of LES Demand Elasticities for CGE models', VATT Working Paper 39, 2012.

Honkatukia, Juha - Tamminen, Saara (2011): 'The dynamic effects of a tax reform in Finland', in the publication collection Honkatukia (ed.): Three takes on sustainability, VATT Publications 58, 2011

Berden, K. - Francois, J. - Tamminen, S.- Thelle, M. – Wymenga, P. (2009), Non-Tariff Measures in EU-US Trade and Investment – An Economic Analysis, European Commission, DG Trade (<http://trade.ec.europa.eu/doclib/press/index.cfm?id=501>)

Various project reports prepared for Ecorys Nederland BV, 2007-2011.

PUBLICATIONS IN FINNISH

Tamminen, S. – Ollikka, K. – Laukkanen, M. (2016): Suomen energiaverotus suosii energiantensiivisiä suuryrityksiä, VATT Policy Brief 2-2016. (only in Finnish: Finland's energy taxation favors large energy intensive firms)

Nylund, N.-O. – Tamminen, S. – Sipilä, K. – Laurikko, J. – Sipilä, E. – Mäkelä, K. – Hannula, I – Honkatukia, J. (2015): Biopolttoaineet 2020 – 2030 tavoitteissa ja liikenteen muu uusiutuva energia: Vaikutukset ilmaston ja kansantalouden kannalta, VTT Research Report. (only in Finnish: How to reach 40% reduction in carbon dioxide emissions from road transport by 2030: Propulsion options and their impacts on the economy)

Niemi, J. - Ahokas, J. - Honkatukia, J. - Simola, A. - Tamminen, S. - Lehmus, M. (2015): Työvoiman tarve Suomen taloudessa vuosina 2015–2030, VATT Publications 181. (only in Finnish: Labour market needs in the Finnish economy from 2015 to 2030)

Honkatukia, J. – Tamminen, S. – Niemi, J. (2014): "Kansantalouden kehitys vähähiiliskenaarioissa: Low Carbon Finland 2050 platform -hankkeen loppuraportti", VATT Publications 178, 2014. (only in Finnish: Economic impacts under different types of low carbon scenarios)

Tamminen, S. (2014): EU:n ja USA:n välille neuvotellaan uudenlaista kauppasopimusta, *Talous ja Yhteiskunta*, 3/2014, p. 18-24. (only in Finnish: A new type of trade agreement is negotiated between the EU and USA)

Honkatukia, J. – Tamminen, S. – Ahokas, J. (2014): Suomi on jo palvelutalous, VATT Policy Brief 1-2014. (only in Finnish: Finland is already a service economy)

Honkatukia, J. – Tamminen, S. (2013): "Vuoden 2011 energiaverouudistuksen kansantaloudelliset vaikutukset", VATT Publications 172, 2013. (only in Finnish: The effects of 2011 energy taxation changes on the Finnish economy)

Honkatukia, J. – Tamminen, S. (2013): "Puolustusvoimauudistuksen aluetaloudelliset vaikutukset", VATT Valmisteluraportit 15, 2013. (only in Finnish: The regional effects of the Finnish Defence Forces reform)

Pekkarinen, J. - Sinko, P. - Tamminen, S. (2011): 'Menokartoitus - Periaatteet ja käytännön toteutus', Valtioneuvoston kanslian raportisarja 11/2011 (Only in Finnish: Spending Review for Finland, Prime Minister's Office Publication series 11/2011)

PUBLICATIONS UNDER WORK:

Tamminen, S. – van den Berg, M. – van Marrewijk, C. (2016): 'Exporting and profits: on confusing profit levels and profit margins', Tjalling Koopmans Institute Working Paper and VATT Working Paper.

Services trade and services traders in Finland (with Katariina Nilsson-Hakkala, VATT).

Services imports and labor market changes (with Katariina Nilsson-Hakkala, VATT, and Andrea Ariu, University of Geneva)

TEACHING

2016 **International Trade**, Master level (in English), Aalto University, Helsinki University and Hanken (with Katariina Nilsson-Hakkala and Yao Pan)

2014 **International Trade**, Master level (in English), Aalto University, Helsinki University and Hanken (with Katariina Nilsson-Hakkala)

MAJOR RESEARCH FUNDING AND AWARDS

2015 Academy of Finland: Effects of international trade and economic integration on individuals and firms, project leader
Katariina Nilsson-Hakkala, VATT (2015-2019)

2012 Scholarship for conducting PhD research in 2013, Antti and Jenny Wihuri foundation

2008 Winner of 2008 ECORYS Young Economist Price (Hefprice)