

Spatial Economics Newsletter

June, 2015

NEWS FROM THE DEPARTMENT



STREEM scores high according to the results of the NSE 2015

The Master programme Spatial Transport and Environmental Economics (STREEM) has received a very favourable overall judgement of 4.43 (on a five-point scale) in the latest NSE (National Student Questionnaire). Students expressed in particular that they are pleased with the scientific training in the master (4.37), and with the teaching staff (4.18).



Henk Scholten has been invited to accept the Honorary Degree of Doctor of Science of the Manchester Metropolitan University. This invitation is in recognition of his distinguished achievements in the fields of education, business and research. The official ceremony will take place on July, 22, 2015 in Manchester.



On June, 22, 2015, **Hans Koster** and **Jos van Ommeren** will be awarded the Urban Land Institute Award for their paper "Is the sky the limit? High-rise buildings and office rents". The ceremony will take place in London. The prize (£5,000), generously funded by the ULI, is awarded annually to the authors of the best paper published in the Journal of Economic Geography in the previous calendar year. The paper can be downloaded here: <http://joeg.oxfordjournals.org/content/14/1/125.short>



On April 9 and 10, a successful **ERC-OPTION Conference** was held at the Tinbergen Institute in Amsterdam on the theme of "Industrial Organization in Transport Network Markets". The conference marked the end of the OPTION (Optimizing Policies for Transport: accounting for Industrial Organization in Network markets) project, which run from May 1, 2010 to May 1, 2015. The research was financed by the ERC (European Research Council), Advanced Grant.

The conference programme consisted of 36 presentations related to the theme of OPTION. All OPTION researchers from our department presented their work carried out within the framework of the project. Another 23 world leading experts in the field presented their research along the lines of the theme of the programme. More information – including the papers presented – can be found [here](#).



On March 1, 2015, **Martin Adler** won the GfR Böventer Prize for his presentation on “Does public transport reduce car travel externalities?” The prize was awarded during the 49th Gesellschaft fuer Regionalforschung GfR Conference in Igls, Austria and is given for the best presentation by a young author.



In March, 2015, **Raymond Florax** (Associate Professor) and **Jacques Poot** (Visiting Professor) were elected Fellow of the Regional Science Association International (RSAI) in recognition of their lifetime contributions to the scholarship of regional science.

The RSAI Fellows are distinguished scholars, selected in recognition of a proven and recognized research record in the field of Regional Science during a considerable part of their scientific career. Jacques Poot and Raymond Florax are two out of the three scholars from around the globe who have been selected for this honour this year. More information can be found at <http://www.regionalscience.org>

IN THE MEDIA...



Erik Verhoef explained the growing number of traffic jams despite an increase in asphalt in the [NOS News](#) of April 1, 2015 (in Dutch, starting after 7.45 minutes). According to Erik, the economy is growing, leading to an increase in goods transport and commuter traffic. In addition, when extra capacity reduces traffic jams in the short run, this diminishes incentives to avoid the rush hours in the longer run.



Hans Koster in the [NOS News](#) of 21 March, 2015 (in Dutch, starting after 3.40 minutes): “Earthquakes in Groningen lead to decreasing house prices”. Together with Jos van Ommeren, Hans wrote a paper on this issue: <http://www.urbanecomomics.nl/wp-content/uploads/2015/03/Koster-Van-Ommeren-2015-Natural-Gas-Extraction-Earthquakes-and-House-Prices.pdf>.



Jesper de Groote published a book on the technologies in Formula 1 in May. It contains tables, formulas and computations that should allow better informed discussions on Formula 1 racing. An interview with Jesper on his book appeared in [Gooi en Eemlander](#) on May 21 (in Dutch).

UPCOMING EVENTS

PhD Defenses

June 24, 2015, 9.45 hrs, Aula – VU University

Tessa Eikelboom: "Interactive geodesign tools to support regional adaptation planning"

Promotors: prof.dr. H.J. Scholten, prof.dr. P.H. Verburg & dr. R. Janssen

Eureka Seminars

11 June, 2015

Raymond Florax: Difference-in-Differences Techniques for Spatial Data: Local Autocorrelation and Spatial Interaction

Rick van der Ploeg: Simple Rules for the Optimal Price of Carbon and Cumulative Carbon Budget

Location: 9A-32. Time: 12.30-13.30 hrs, lunch included

More information: H.R.A.Koster@vu.nl or G.C.van.der.Meijden@vu.nl

Spatial Economics Seminars at the Tinbergen Institute

(Location: Tinbergen Institute Amsterdam, Gustav Mahlerplein 117, 1082 MS Amsterdam, Time: 12.00-13.00 hrs)

October 12, 2015

David Genesove (Hebrew University of Jerusalem)

Titles: TBA

More information: S.Poelhekke@vu.nl

TE-Lunch Seminars

June 25, 2015

Time: 13.00-14.00 hrs

Caspar Chorus (TU Delft)

Title and location: TBA

More information: P.R.Koster@vu.nl

STAFF

Welcome...



Jorge Díaz-Lanchas is a PhD Student from Madrid (Economic Analysis Department, Autonomous University of Madrid). He is a visiting researcher at our department, and will stay until mid-August. Jorge's research topics are city-trade flows and spatial development.



Gerben de Jong will officially start as a PhD Student on September 1, 2015, but will be around already this summer. His PhD is a multidisciplinary project, covering both spatial economics and marketing. Gerben's research focuses on the modelling of consumer choice in air travel markets, in particular with the influence of latent attitudes and perceptions on choice outcomes along with the related modelling challenges.



Achim Vogt is part-time PhD candidate, supervised by Henri de Groot. His research topic relates to cost-benefit aspects of non-tariff measures (NTMs) in international trade. In addition to the VU, Achim works at Ecorys, where he coordinates the FP7 project PRONTO – related to his PhD topic.



Sanne Hettinga joined our department to work on making mathematical environmental models in a 3D environment. She obtained a bachelor degree in physics at the AUC in Amsterdam and specialized in Energy Science during her masters in Utrecht.



Elena Calegari is from Piacenza (Italy). She took the STREEM Master's degree last year and is now a PhD student at the Catholic University of the Sacred Heart in Milan. Her research interests are Spatial Interaction Models for commuting flows. Elena will stay at our department until the end of October.

Goodbye...



Achim Czerny will leave our department and start a new position as Associate Professor at the Hong Kong Polytechnic University, Department of Logistics and Maritime Studies in July this year.

BLOGS

Hans Koster has a monthly blog on www.economie.nl. Topics are: urban economics, space, transport, environment. For example: <http://www.economie.nl/weblog/onze-steden-de-wereldtop-over-%E2%80%98agenda-stad%E2%80%99-ruimtelijk-beleid-en-leefbaarheid-van-steden>.

Do you have a blog on an interesting topic? Then please share this through the Spatial Economics Newsletter.

JOURNAL ARTICLES & WORKING PAPERS February 19, 2015-May 19, 2015

Journal articles

- Bergh, J.C.J.M. van den & Botzen, W.J.W. (2015). [Monetary valuation of the social cost of greenhouse gas emissions](#). *Ecological Economics*, 114(June), 33-46. 10.1016/j.ecolecon.2015.03.015
- Bernasco, W., Johnson, S.D. & Ruiter, S. (2015). [Learning where to offend: Effects of past on future burglary locations](#). *Applied Geography*, 60(June), 120-129. 10.1016/j.apgeog.2015.03.014
- Brouns, K., Eikelboom, T., Jansen, P.C., Janssen, R., Kwakernaak, C. & van den Akker, J.J.H. (2015). [Spatial analysis of soil subsidence in peat meadow areas in Friesland in relation to land and water management, climate change and adaptation](#). *Environmental Management*, 55(2), 360-372. 10.1007/s00267-014-0392-x
- Cust, J. & Poelhekke, S. (in press). [The Local Impact of Resource Projects](#). *Annual Review of Resource Economics*. 10.1146/annurev-resource-100814-125106
- Dementyeva, M., Koster, P.R. & Verhoef, E.T. (2015). [Regulation of road accident externalities when insurance companies have market power](#). *Journal of Urban Economics*, 86(March), 1-8. 10.1016/j.jue.2014.11.001
- Dias, E.S., Linde, M. & Scholten, H.J. (2015). [Geodesign: integrating geographical sciences and creative design in envisioning a 'New Urban Europe'](#). *International Journal of Global Environmental Issues*, 14(1/2), 164-174. 10.1504/IJGENVI.2015.067488
- Eikelboom, T., Janssen, R. & Stewart, T.J. (in press). A spatial optimization algorithm for geodesign. *Landscape and Urban Planning*.
- Kantor, Y., Mohlmann, J.L., Nijkamp, P. & Rouwendal, J. (in press). [Homeownership, mortgages, and unemployment](#). *Letters in Spatial and Resource Sciences*. 10.1007/s12076-015-0139-1
- Koomen, E. & Diogo, V. (in press). [Assessing potential future urban heat island patterns following climate scenarios, socio-economic developments and spatial planning strategies](#). *Mitigation and Adaptation Strategies for Global Change*. 10.1007/s11027-015-9646-z
- Koster, P.R., Pels, A.J.H. & Verhoef, E.T. (in press). [The User Costs of Air Travel Delay Variability](#). *Transportation Science*. 10.1287/trsc.2014.0551
- Kourtit, K., Nijkamp, P. & Arribas-Bel, D. (2015). [Migrant Entrepreneurs as Urban 'Health Angels'](#). *International Planning Studies*, 20(1-2), 71-86. 10.1080/13563475.2014.942496
- Lammers, M., Menting, B., Ruiter, S. & Bernasco, W. (2015). [Biting Once, Twice: The Influence of Prior on Current Crime Location Choice](#). *Criminology*, 53(3). 10.1111/1745-9125.12071
- Lankhuizen, M.B.M., Graaff, T. de & Groot, H.L.F. de (2015). [Product Heterogeneity, Intangible Barriers and Distance Decay: The effect of multiple dimensions of distance on trade across different product categories](#). *Spatial Economic Analysis*, 10(2), 137-159. 10.1080/17421772.2015.1023338
- Levkovich, O.D., Rouwendal, J. & van Marwijk, R. (in press). [The effects of highway development on housing prices](#). *Transportation*. 10.1007/s11116-015-9580-7
- Okullo, S.J., Reynes, F.G.D. & Hofkes, M. (2015). [Modeling peak oil and the geological constraints on oil production](#). *Resource and Energy Economics*, 40(May), 36-56. 10.1016/j.reseneeco.2015.01.002
- Poelhekke, S. (2015). [Do global banks facilitate foreign direct investment?](#) *European Economic Review*, 76(May 2015), 25-46. 10.1016/j.euroecorev.2015.01.014
- Ryszka, K.A. & Withagen, C.A.A.M. (in press). [Unilateral climate policies: Incentives and effects](#). *Environmental and Resource Economics*. 10.1007/s10640-014-9867-8
- Terpstra, I. & Lijesen, M.G. (in press). [The impact of high speed rail on airport competition](#). *Tijdschrift voor economische en sociale geografie*. 10.1111/tesg.12103
- Tubadji, A. & Nijkamp, P. (in press). [Cultural-Based Development in the USA](#). *Journal of Cultural Economics*. 10.1007/S10824-014-9232-3
- Vaz, E & Nijkamp, P. (2015). [Gravitational Forces in the Spatial Impacts of Urban Sprawl](#). *Habitat International*, 45(2), 99-105. 10.1016/j.habitatint.2014.06.024

Zijp, M.C., Heijungs, R., Voet, E. van der, Meent, D. van de, Huijbregts, M.A.J., Hollander, A. & Posthuma, L. (2015). [An identification key for selecting methods for sustainability assessments](#). *Sustainability*, 7(3), 2490-2512. 10.3390/su7032490

Working papers / Preprints

- Adler, M.W. & Ommeren, J.N. van (2015). [Does Public Transit reduce Car Travel Externalities?](#) (Preprints, TI Discussion Paper, no 15-011/VIII). Amsterdam: Tinbergen Institute.
- Behrens, C.L. & McCaughey, N.C. (2015). [Loyalty Programs and Consumer Behaviour: The Impact of FFPs on Consumer Surplus](#). (Preprints, TI Discussion Paper, no 15-048/VIII). Amsterdam: Tinbergen Institute.
- Borger, B. de, Mulalic, I. & Rouwendal, J. (2015). [Measuring the Rebound Effect with Micro Data](#). (Preprints, TI Discussion Paper, no 15-039/VIII). Amsterdam: Tinbergen Institute.
- Czerny, A.I., Shi, Z. & Zhang, A. (2015). [Can market power be controlled by regulation of core prices alone? An empirical analysis of airport demand and car rental price](#). (Preprints, TI Discussion Paper, no 15-041/VIII). Amsterdam: Tinbergen Institute.
- Czerny, A.I. & Zhang, A. (2015). [Single-Till versus Dual-Till Regulation of Airports](#). (Preprints, TI Discussion Paper, no 15-049/VIII). Amsterdam: Tinbergen Institute.
- Dementieva, M. & Verhoef, E.T. (2015). [Miles, Speed and Technology: Traffic Safety under Oligopolistic Insurance](#). (Preprints, TI Discussion Paper, no 15-25/VIII). Amsterdam: Tinbergen Institute.
- Duijn, M. van & Rouwendal, J. (2015). [Sorting based on Urban Heritage and Income: Evidence from the Amsterdam Metropolitan Area](#). (Preprints, TI Discussion Paper, no 15-030/VIII). Amsterdam: Tinbergen Institute.
- Kleijn, M.T.M. de, Hond, R.J.F. de, Martinez-Rubi, O. & Svetachov, P. (2015). [A 3D Geographic Information System for Mapping the Via Appia](#). (Preprints, Research Memorandum, no 2015-1). Amsterdam: Faculty of Economics and Business Administration.
- Koster, H.R.A. & Rouwendal, J. (2015). [Historic Amenities and Housing Externalities: Evidence from The Netherlands](#). (Preprints, TI Discussion Paper, no 15-023/VIII). Amsterdam: Tinbergen Institute.
- Koster, H.R.A. & Ommeren, J.N. van (2015). [Natural Gas Extraction, Earthquakes and House Prices](#). (Preprints, TI Discussion Paper, no 15-038/VIII). Amsterdam: Tinbergen Institute.
- Mahumane, G.M.D.G. & Mulder, P. (2015). [Introducing MOZLEAP: an integrated long-run scenario model of the emerging energy sector of Mozambique](#). (Preprints, Research Memorandum, no 2015-2). Amsterdam: Faculty of Economics and Business Administration.
- Mahumane, G.M.D.G. & Mulder, P. (2015). [Mozambique Energy Outlook, 2015-2030. Data, Scenarios and Policy Implications](#). (Preprints, Research Memorandum, no 2015-7). Amsterdam: Faculty of Economics and Business Administration.
- Steenbruggen, J.G.M., Tranos, E. & Rietveld, P. (2015). [Can Motorway Traffic Incidents be detected by Mobile Phone Usage Data?](#) (Preprints, Research Memorandum, no 2015-6). Amsterdam: Faculty of Economics and Business Administration.
- Tikoudis, I., Verhoef, E.T. & Ommeren, J.N. van (2015). [Second-best Urban Tolls in a Monocentric City with Housing Market Regulations](#). (Preprints, TI Discussion Paper, no 15-06/VIII). Amsterdam: Tinbergen Institute.
- Verhoef, E.T. & Silva Montalva, H.E. (2015). [Dynamic Equilibrium at a Congestible Facility under Market Power](#). (Preprints, TI Discussion Paper, no

The next **Spatial Economics Newsletter** will appear in September 2015.

Are your publications not in the above list? Register – if you have not done yet – at METIS and add your publications:

<https://metis.vu.nl/metis/personal/login/login.view%3bjsessionid=2Qt1J8GH21VrQXG0R39DK6qkyNb7wtJpQpJrfH8gKhsiQ1S1qln6!732445808?moduleOfOrigin=personal>