

## NEWS FROM THE DEPARTMENT



On July, 22, 2015, **Henk Scholten** received the title of honorary Doctor of Science from the Manchester Metropolitan University for his extensive contributions to GIS (Geographical Information Systems). Henk Scholten is founder and CEO of Geodan, and also Professor of Spatial Economics, Scientific Director of SPINlab and Educational Director of UNIGIS.

## UPCOMING EVENTS

### PhD Defenses:

October 8, 2015, 15.45 hrs, Aula – VU University

**Andrea Caragliu:** *“The Economics of Proximity: Regional Growth Beyond Geographic Proximity”*

Promotors: Prof. dr. P. Nijkamp & Prof. dr. R. Capello

### Eureka Seminars:

10 September, 2015: Andres Dominguez & Niko Jaakkola

8 October, 2015: Ilias Pasidis (IEB, University of Barcelona) & Zhiling Wang

5 November, 2015: Mehmet Kutluay (IVM) & Steven Poelhekke

10 December, 2015: Gilberto Mahumane & Jamie Chen

Titles: TBA

Time: 13.00-14.00 hrs, lunch included.

Location: TBA

More information: [H.R.A.Koster@vu.nl](mailto:H.R.A.Koster@vu.nl) or [G.C.van.der.Meijden@vu.nl](mailto:G.C.van.der.Meijden@vu.nl)

## Spatial Economics Seminars at the Tinbergen Institute:

- September 14, 2015: Antonio Russo (ETH Zurich)
- September 28, 2015: Kristian Behrens (University of Quebec, Montreal)
- October 12, 2015: David Genesove (Hebrew University of Jerusalem)
- November 23, 2015: Simon Dietz (London School of Economics)
- December 7, 2015: Helene Ollivier (Paris School of Economics)

Titles: TBA

Time: 12.00-13.00 hrs

Location: Tinbergen Institute Amsterdam, Gustav Mahlerplein 117, 1082 MS Amsterdam

More information: [S.Poelhekke@vu.nl](mailto:S.Poelhekke@vu.nl)

## TE-Lunch Seminars:

- October 16, 2015: Niek Mouter (TU Delft)  
"Value of Time – A Citizens' Perspective"

Time: 13.00-14.00 hrs

Location: TBA

More information: [P.R.Koster@vu.nl](mailto:P.R.Koster@vu.nl)

## STAFF

### Welcome...



**Liesbeth Tangerman** is projectmanager at the Spatial Information Laboratory (SPINlab), Center for Research and Education in Geo-Information Science. She obtained a master degree in social geography at the RUG in Groningen and is now finalizing higher professional education in computer science. She received several trainings in projectmanagement and has a few years of experience in this profession.



**Anna Kolomijeca** is from Latvia, works at the University of Barcelona, and will be staying at our department for 3 months. She is a postdoc on multipos Marie Curie, and will be working closely with Niels van Manen. Anna's research topic is positioning technologies and its applications, more specific, emergency management and smart cities.



**Duco de Vos** just graduated from the STREEM programme and now works at our department as a research assistant, with Jos van Ommeren and Hans Koster. Duco is interested in transport policy and the economic effects of changing infrastructures, and in all kinds of natural experiments. Currently he is investigating the social benefits of speed limits on highways in the Netherlands.



**Stuart Donovan** is a MPhil student studying at the Tinbergen Institute. Stuart previously completed the STREEM masters' degree at the VU, where his research considered the topics of agglomeration economies and spatial equilibrium. Stuart is originally from New Zealand, where he previously worked as a consultant.



**Niko Jaakkola** is a postdoc at the Ifo Institute, Munich, working on environmental and resource economics; in particular, on dynamic games related to climate change, fossil resources and green innovation. He holds a DPhil in economics from the University of Oxford and a BSc in environmental sciences from the University of East Anglia. Niko is visiting the department until mid-February.



**Jenny (Chinese: Jingjing) Liu** is a visiting PhD from China, supervised by Peter Nijkamp. Jenny will be in our department for one year. Her research field is tourism economics, with a focus on innovation, livability and other influences of tourism development on the destination. In addition to the VU, Jenny studies at the Management School of the Xiamen University, majoring in Tourism and Hospitality Management.



**Ryan Beij** is a Master student Earth Sciences at the VU and did, during his participation in the National GI minor, his internship at Geodan. Here he was asked to work as a student assistant at our department. Ryan is more specialized in Geology, but wants to use GIS as a tool. Except his participation in the minor, Ryan followed a course dedicated to GIS, and did two geological fieldworks using GIS.



**Mathias Schläffer** studied Business Administration and Economics in Berlin. He will work as a part-time research assistant at our department until the end of the year. His tasks include conducting spatial economic research under the supervision of Hans Koster and providing additional support for this year's STREEM students in the microeconomics course. He just completed the STREEM programme himself.

### Goodbye...



In July, 2015, **Hugo Silva** left our Department and returned to his hometown Santiago in Chile. He had been here since February 2011 as a PhD student and afterwards as a postdoc researcher. Hugo's email address is [hugosilvam@gmail.com](mailto:hugosilvam@gmail.com).



In August 2015, **Ioannis Tikoudis** left our Department to take up duties as an OECD official in Paris. Ioannis has been a PhD student in Spatial Economics since October 2011. His email address is: [ioannis.tikoudis@oecd.org](mailto:ioannis.tikoudis@oecd.org).



**Zeynep Elburz** will leave Amsterdam in the mid of September and will continue doing her PhD at Dokuz Eylul University in Izmir, Turkey. Zeynep's e-mail address is [zeynepelburz@gmail.com](mailto:zeynepelburz@gmail.com).



On October 1st 2015, **Ton van den Bremer** will be leaving our Department to take up a position at the University of Edinburgh as a Chancellor's Fellow. Ton's email address and research website are: [tonvandenbremer@gmail.com](mailto:tonvandenbremer@gmail.com) and <https://sites.google.com/site/tonvandenbremer/>

## JOURNAL ARTICLES AND WORKING PAPERS May 22-August 20, 2015

### Journal articles

- Beames, A., Broekx, S., Heijungs, R., Lookman, R., Boonen, K., Geert, Y. van, Dendoncker, K. & Seuntjes, P. (2015). [Accounting for land-use efficiency and temporal variations between brownfield remediation alternatives in life-cycle assessment](#). *Journal of Cleaner Production*, 101(August), 109-117.
- Bontems, P., Martinet, V., Rotillon, G. & Withagen, C.A.A.M. (2015). [Interactions between agricultural economics and environmental economics in European research: Insights from the theory of non-renewable resources](#). *Review of Agricultural and Environmental Studies - Revue d'Etudes en Agriculture et Environnement*, 96(1), 167-185.
- Broitman, D. & Koomen, E. (2015). [Residential density change: Densification and urban expansion](#). *Computers, Environment and Urban Systems*, 54(November), 32-46.
- D'Autume, A., Schubert, K. & Withagen, C.A.A.M. (in press). Should the carbon price be the same in all countries? *Journal of Public Economic Theory*.
- Diogo, V., Koomen, E. & Kuhlman, T. (2015). [An economic theory-based explanatory model of agricultural land-use patterns: The Netherlands as a case study](#). *Agricultural Systems*, 139(October), 1-16.
- Fang, K. & Heijungs, R. (in press). [Investigating the inventory and characterization aspects of footprinting methods. Lessons for the classification and integration of footprints](#). *Journal of Cleaner Production*.
- Fang, K., Heijungs, R., Duan, Z. & Snoo, G.R. de (2015). [The environmental sustainability of nations. Benchmarking the carbon, water and land footprints against allocated planetary boundaries](#). *Sustainability*, 7(8), 11285-11305.
- Groot, H.L.F. de, Poot, J. & Smit, M.J. (in press). [Which Agglomeration Externalities Matter Most and Why?](#) *Journal of Economic Surveys*.
- Gutierrez Puigarnau, E., Mulalic, I. & Ommeren, J.N. van (in press). [Do rich households live farther away from their workplaces?](#) *Journal of Economic Geography*.
- Haddad, E.A., Hewings, G.J.D., Porsse, A.A., Leeuwen, E.S. van & Vieira, R.S. (2015). [The Underground Economy: Tracking the Wider Impacts of the São Paulo Subway System](#). *Transportation Research. Part A: Policy & Practice*, 73(March), 18-30.
- Heijungs, R., Koning, A. de & Wegener Sleeswijk, A. (2015). [Sustainability analysis and systems of linear equations in the era of data abundance](#). *Journal of Environmental Accounting and Management*, 3(2), 109-122.
- Heijungs, R. (2015). [Topological network theory and its application to LCA and related industrial ecology tools](#). *Journal of Environmental Accounting and Management*, 3(2), 151-167.
- Husby, T.G., Groot, H.L.F. de, Hofkes, M. & Filatova, T. de (in press). [Flood Protection and Endogenous Sorting of Households: the role of credit constraints](#). *Mitigation and Adaptation Strategies for Global Change*.
- Kagan, M.S., Ploeg, F. van der & Withagen, C.A.A.M. (in press). [Battle for Climate and Scarcity Rents: Beyond the Linear-Quadratic Case](#). *Dynamic Games and Applications*.
- Kobus, M.B.W., Rietveld, P. & Ommeren, J.N. van (in press). [Student commute time, university presence and academic achievement](#). *Regional Science and Urban Economics*, 52, 129-140.
- Koster, H.R.A., Ommeren, J.N. van & Rietveld, P. (in press). [Historic amenities, income and sorting of households](#). *Journal of Economic Geography*.

- Kuik, O.J., Koopman, J.L., Tol, R.S.J. & Brouwer, R. (in press). [The potential of water markets to allocate water between industry, agriculture and public water utilities as an adaptation mechanism to climate change](#). *Mitigation and Adaptation Strategies for Global Change*.
- Leeuwen, E.S. van, Ishikawa, Y. & Nijkamp, P. (in press). Assessment of Local Key Sectors in a Triple-Layer Spatial System: Microsimulation and Input-Output Models as Tools for Multi-Level Policy Analysis. *Environment and Planning C. Government and Policy*.
- Lovelace, R., Birkin, M., Ballas, D. & Leeuwen, E.S. van (2015). Evaluating the performance of Iterative Proportional Fitting for spatial microsimulation: new tests for an established technique. *Journal of Artificial Societies and Social Simulation*, 18(2), 21.
- Meijden, G.C. van der, Ploeg, R. van der & Withagen, C.A.A.M. (2015). [International Capital Markets, Oil Producers and the Green Paradox](#). *European Economic Review*, 76(May), 275-297.
- Ploeg, F. van der & Withagen, C.A.A.M. (2015). [Global Warming and the Green Paradox: A Review of Adverse Effects of Climate Policies](#). *Review of Environmental Economics and Policy*, 9(2), 285-303.
- Romao, J., Neuts, B., Nijkamp, P. & Leeuwen, E.S. van (2015). [Culture, product differentiation and market segmentation: a structural analysis of the motivation and satisfaction of tourists in Amsterdam](#). *Tourism Economics*, 21(3), 455-474.
- Romao, J., Leeuwen, E.S. van, Neuts, B. & Nijkamp, P. (2015). [Tourist Loyalty and Urban E-Services: A Comparison of Behavioral Impacts in Leipzig and Amsterdam](#). *Journal of Urban Technology*, 22(2), 85-101.
- Smit, M.J., Leeuwen, E.S. van, Florax, R.J.G.M. & Groot, H.L.F. de (in press). [Rural development funding and agricultural labour productivity: A spatial analysis of the European Union at the NUTS2 level](#). *Ecological Indicators*.
- Tikoudis, I., Verhoef, E.T. & Ommeren, J.N. van (2015). [On revenue recycling and the welfare effects of second-best congestion pricing in a monocentric city](#). *Journal of Urban Economics*, 89(September), 32-47.
- Withagen, C.A.A.M. & Moreaux, M. (in press). Optimal abatement of carbon emission flows. *Journal of Environmental Economics and Management*.

## Working papers

- 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.
- Behrens, C.L. & Lijesen, M.G. (2015). [Measuring Competition Intensity; An Application to Air/HSR Transport Markets](#). (Preprints, TI Discussion Paper, no 15-075/VIII). Amsterdam: Tinbergen Institute.
- Berg, V.A.C. van den & Verhoef, E.T. (2015). [Robot Cars and Dynamic Bottleneck Congestion: The Effects on Capacity, Value of Time and Preference Heterogeneity](#). (Preprints, TI Discussion Paper, no 15-062/VIII). Amsterdam: Tinbergen Institute.
- Czerny, A.I., Verhoef, E.T. & Zhang, A. (2015). [A Theory of Continuous Uncertainty Types](#). (Preprints, TI Discussion Paper, no 15-065/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.
- Delgado, M.S. & Florax, R.J.G.M. (2015). [Difference-in-Differences Techniques for Spatial Data: Local Autocorrelation and Spatial Interaction](#). (Preprints, TI Discussion Paper, no 15-091/VIII). Amsterdam: Tinbergen Institute.
- Fu, X., Berg, V.A.C. van den & Verhoef, E.T. (2015). [Private Road Networks with Uncertain Demand](#). (Preprints, TI Discussion Paper, no 15-092/VIII). Amsterdam: Tinbergen Institute.

- 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.
- Peer, S., Knockaert, J.S.A. & Verhoef, E.T. (2015). [Train Commuters' Scheduling Preferences: Evidence from a Large-Scale Peak Avoidance Experiment.](#) (Preprints, TI Discussion Paper, no 15-078/VIII). Amsterdam: Tinbergen Institute.
- 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.
- Steenbruggen, J.G.M., Krieckaert, M.N.M., Rietveld, P., Scholten, H.J. & Vlist, M. van der (2015). [The usefulness of net-centric support tools for traffic incident management.](#) (Preprints, Research Memorandum, no 2015-8). Amsterdam: Faculty of Economics and Business Administration.
- Tikoudis, I. (2015). [Congestion Pricing in Urban Polycentric Networks with Distorted Labor Markets: A Spatial General Equilibrium Model for the Area Randstad.](#) (Preprints, TI Discussion Paper, no 15-085/VIII). Amsterdam: Tinbergen Institute.

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

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