

News from the Department



As of August 1, 2016, **Erik Verhoef** is Fellow of KiM (Kennisinstituut voor Mobiliteitsbeleid, the Netherlands Institute for Transport Policy Analysis). KiM provides knowledge inputs for the preparation of mobility policy at the Ministry of Infrastructure and the Environment. KiM carries out research and, in addition, collects the results of studies conducted elsewhere. KiM has attached professors from the Netherlands and abroad: the KiM fellows. These fellows provide scientific 'strengthening' for KiM's research activities. [More information](#)



'Do Cities Make Us Richer, Smarter, Greener, Healthier and Happier?'

This question, inspired by Edward Glaeser's bestseller book 'Triumph of the City', was the central question at the symposium organized by the Department of Spatial Economics of the Vrije Universiteit Amsterdam on 9 September 2016. [Read more](#)



On September 15, The Development Economics and Spatial Economics research groups (Tinbergen Institute) presented '**Climate, Growth and a Global Agenda**' by Professor Lord [Nicholas Stern](#), Chair of the Grantham Research Institute on Climate Change and the Environment (LSE), IG Patel Professor of Economics and Government (LSE) and President of the British Academy. [Read the abstract.](#)

In the Media

Erik Verhoef's views on road pricing ('rekeningrijden'): Listen to the Dutch BNR radio programmes [Spitsuur](#) (September 1) and [Ask me anything](#) (September 12).

Upcoming Events

Save the date: RE Away-day on 27-28 October

Location: *Kontakt der Kontinenten* in Soesterberg

<http://www.kontaktderkontinenten.nl/nl/conferentiehôtel/home.aspx>

Organization: Thomas de Graaff, Gerard van der Meijden, Eveline van Leeuwen and Erik Verhoef. More information will follow soon.

PhD Defenses

November 3, 13.45 hrs Alexandros Dimitropoulos
"Low emission vehicles: consumer demand and fiscal policy"
Promotor: Prof. dr. Jos van Ommeren
Location: Aula

Eureka Seminars

October 6 Nicholas Gonzales-Pampillon
Location: Room HG-11A24

November 3 Jamie Chen & Jan Rouwendal
Location: Room HG-11A37

December 1 Speakers TBA
Location: Room HG-10A33

Titles: TBA

Time: 13.00-14.00 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

October 13 Kay Axhausen (ETH Zurich)

November 24 Julia Bird (Oxford University, UK)

December 8 Stephane Straub (Toulouse 1 University Capitole, Paris)

December 15 Antoine Dechezlepretre (LSE)

Title: TBA

Time: 12.15-13.15 hrs

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

More information: S.Poelhekke@vu.nl

Staff

Welcome...



Francis Ostermeijer just finished his MSc in STREEM, and now works as PhD at our department, together with Jos van Ommeren and Hans Koster, investigating the *implications of driverless cars on the spatial structure of cities*. His economic interests are in the urban structure of cities, development and sustainability. In his free time he likes to play team sports (particularly football and basketball) and go hiking.



Rein van 't Veer joined the GIS department. He investigates strategies for the integration and semantic enrichment of open spatial datasets published by the government, as an embedded researcher at the national cadastre. He has a background in archaeology, geospatial engineering and Linked Data.



Isadora Rebelo Salviano (Isa) is a Brazilian environmental management and planning expert. For five years, she worked for the government, and also as consultant. She started her PhD as external candidate, supervised by Eric Koomen. Her research involves land use modelling of ecosystem services in a landscape graph model for connectivity. Isa obtained a bachelor degree in biology and specialized during her master in civil engineering at UNICAMP in Brazil.



Lola Gulyamova is a guest researcher from Uzbekistan. She has been granted a postdoc scholarship within the framework of the Erasmus Mundus Action 2 project 'gSmart – Spatial ICT Infrastructures for Smart Places'. Lola works at SPINlab under the supervision of Henk Scholten.



Yann Delaprez started to work as PhD within the project [BREATHE](#) (Building Resilient Economic Agglomerations addressing Transportation and Health Effects) with Steven Poelhekke, Peter Mulder, Henri de Groot and Erik Verhoef. Yann holds a Master's degree in Economics from the Toulouse School of Economics (TSE). Additionally, he obtained a Bachelor's degree in Sociology from the Toulouse Jean Jaurès University. His research interests cover urban and environmental Economics.



Mieke van Nierop is a guest researcher from Rijkswaterstaat. Rijkswaterstaat is responsible for the design, construction, management and maintenance of the main infrastructure facilities in the Netherlands. This includes the main road network, the main waterway network and water systems. Together with the SPINLAB, Mieke explores the possibilities of datamining in the area of crisis management.



Loes Derikx is student assistent at UNIGIS. She is a bachelor student Human Geography and Planning at Utrecht University and works with Niels van Manen for one academic year. After the bachelor, Loes wants to specialize in Urban Geography or GIS.

Goodbye...



Jenny (Jingjing) Liu has left to her home school, Xiamen University in southeast China. The coming year, Jenny will finish her dissertation in order to receive her doctoral degree in the field of Tourism Management.



After successfully having defended her PhD dissertation, Zhiling Wang left for Guangzhou (China), where she will join the [Institute for Economic and Social Research](#), Jinan University, as an assistant professor. "Three years of PhD in the department were a fabulous journey for me, and I truly appreciate everyone's kindness and smart minds. Thank you and best wishes to all!", she wanted to let you all know.

Publications June 1 – September 29, 2016

Journal Articles

- Adler, M.W. & Ommeren, J. van (2016). [Does public transit reduce car travel externalities? Quasi-natural experiments' evidence from transit strikes](#). *Journal of Urban Economics*, 92 (March), 106-119. doi: 10.1016/j.jue.2016.01.001
- Antal, M. & Bergh, J.C.J.M. van den (2016). [Green growth and climate change: Conceptual and empirical considerations](#). *Climate Policy*, 16 (2), 165-177. doi: 10.1080/14693062.2014.992003
- Anthoff, D., Estrada, F. & Tol, R.S.J. (2016). [Shutting down the thermohaline circulation](#). *American Economic Review*, 106 (5), 602-606. doi: 10.1257/aer.p20161102
- Berg, V.A.C. van den & Verhoef, E.T. (2016). [Autonomous cars and dynamic bottleneck congestion: The effects on capacity, value of time and preference heterogeneity](#). *Transportation Research. Part B: Methodological*, 94 (December), 43-60. doi: 10.1016/j.trb.2016.08.018
- Berg, V.A.C. van den & Rouwendal, J. (2016). [Tender auctions with existing operators bidding](#). *Economics of Transportation*, 6 (June), 1-10. doi: 10.1016/j.ecotra.2016.05.001
- Bergh, J.C.J.M. van den (2016). [Disagreement on Sustainability Policy within the Social Sciences? European Review](#), 24 (1), 83-88. doi: 10.1017/S1062798715000460
- Bergh, J.C.J.M. van den & Botzen, W.J.W. (in press). [Global impact of a climate treaty if the Human Development Index replaces GDP as a welfare proxy](#). *Climate Policy*. doi: 10.1080/14693062.2016.1227954
- Bergh, J.C.J.M. van den (in press). [Rebound policy in the Paris Agreement: instrument comparison and climate-club revenue offsets](#). *Climate Policy*. doi: 10.1080/14693062.2016.1169499
- Bernasco, W., Van der Beek, K. & Lammers, M. (in press). [Cross-Border Crime Patterns Unveiled by International Exchange of DNA Profiles](#). *Security Journal*. doi: 10.1057/sj.2015.27
- Borger, B. de, Mulalic, I. & Rouwendal, J. (2016). [Substitution between cars within the household](#). *Transportation Research. Part A: Policy & Practice*, 85 (March), 135-156. doi: 10.1016/j.tra.2016.01.007
- Bremer, T. van den, Ploeg, F. van der & Wills, S. (2016). [The Elephant in The Ground: Managing Oil and Sovereign Wealth](#). *European Economic Review*, 82 (February), 113-131. doi: 10.1016/j.euroecorev.2015.10.005
- Burke, M., Craxton, M., Kolstad, C.D., Onda, C., Allcott, H., Baker, E., Barrage, L., Carson, R., Gillingham, K., Graff-Zivin, J., Greenstone, M., Hallegatte, S., Hanemann, W.M., Heal, G., Hsiang, S., Jones, B., Kelly, D.L., Kopp, R., Kotchen, M., Mendelsohn, R., Meng, K., Metcalf, G., Moreno-Cruz, J., Pindyck, R., Rose, S., Rudik, I., Stock, J. & Tol, R.S.J. (2016). [Opportunities for advances in climate change economics](#). *Science*, 352 (6283), 292-293. doi: 10.1126/science.aad9634
- Caragliu, A., Dominicis, L. de & Groot, H.L.F. de (2016). [Both Jacobs and Marshall Were Right!](#) *Economic Geography*, 92 (1), 87-111. doi: 10.1080/00130095.2015.1094371
- Chen, M., Zhang, J. & Nijkamp, P. (2016). [A regional analysis of willingness-to-pay in Asian cruise markets](#). *Tourism Economics*, 22 (4), 809-824. doi: 10.1177/1354816616654254
- Chen, M., Neuts, B., Nijkamp, P. & Liu, J. (2016). [Demand determinants of cruise tourists in competitive markets: motivation, preference](#). *Tourism Economics*, 22 (2), 227-253. doi: 10.5367/te.2016.0546
- Dementieva, M. & Verhoef, E.T. (2016). [Miles, speed, and technology: Traffic safety under oligopolistic insurance](#). *Transportation Research. Part B: Methodological*, 86 (April), 147-162. doi: 10.1016/j.trb.2016.01.018
- Dimitropoulos, A., Ommeren, J.N. van, Koster, P.R. & Rietveld, P. (2016). [Not fully charged: Welfare effects of tax incentives for employer-provided electric cars](#). *Journal of Environmental Economics and Management*, 78 (July), 1-19. doi: 10.1016/j.jeem.2016.01.004

- Drews, S. & Bergh, J.C.J.M. van den (2016). [Public views on economic growth, the environment and prosperity: Results of a questionnaire survey](#). *Global Environmental Change*, 39 (July), 1-14. doi: 10.1016/j.gloenvcha.2016.04.001
- Duijn, M. van, Rouwendal, J. & Boersema, R. (2016). [Redevelopment of industrial heritage: Insights into external effects on house prices](#). *Regional Science and Urban Economics*, 57 (March), 91-107. doi: 10.1016/j.regsciurbeco.2016.02.001
- Fiorito, G. & Bergh, J.C.J.M. van den (2016). [Capital-energy substitution in manufacturing for seven OECD countries: Learning about potential effects of climate policy and peak oil](#). *Energy Efficiency*, 9 (1), 49-65. doi: 10.1007/s12053-015-9349-z
- Gazheli, A., Bergh, J.C.J.M. van den & Antal, M. (2016). [How realistic is green growth? Sectoral-level carbon intensity versus productivity](#). *Journal of Cleaner Production*, 129 (August), 449-467. doi: 10.1016/j.jclepro.2016.04.032
- Groot, H.L.F. de, Poot, J. & Smit, M.J. (2016). [Which Agglomeration Externalities Matter Most and Why?](#) *Journal of Economic Surveys*, 30 (4), 756-782. doi: 10.1111/joes.12112
- Houba, H.E.D. & Ansink, E. (2016). [Sustainable Agreements on Stochastic River Flow](#). *Resource and Energy Economics*, 44, 92-117. doi: 10.1016/j.reseneeco.2016.02.005
- Koopmans, C.C. & Lieshout, R. (2016). [Airline cost changes: to what extent are they passed through to the passenger?](#) *Journal of Air Transport Management*, 53 (June), 1-11. doi: 10.1016/j.jairtraman.2015.12.013
- Koopmans, C.C. & Jacobs, C.G.W. (2016). [Transport link scanner: simulating geographic transport network expansion through individual investments](#). *Journal of Geographical Systems*, 18 (3), 265-301. doi: 10.1007/s10109-016-0233-y
- Leeuwen, E. van & Nijkamp, P. (2016). [Policy battles in a diverse world](#). *Environment and Planning C. Government and Policy*, 34 (1), 131-134. doi: 10.1177/0263774X15614728
- Mouwen, A. & Ommeren, J. van (2016). [The effect of contract renewal and competitive tendering on public transport costs, subsidies and ridership](#). *Transportation Research. Part A: Policy & Practice*, 87 (May), 78-89. doi: 10.1016/j.tra.2016.03.003
- Ommeren, J. van & Vlist, A.J. van der (2016). [Households' willingness to pay for public housing](#). *Journal of Urban Economics*, 92 (March), 91-105. doi: 10.1016/j.jue.2015.11.007
- Ploeg, F. van der (2016). [Climate Change Economics Reacting to multiple tipping points](#). *Nature Climate Change*, 6 (5), 442-443. doi: 10.1038/nclimate2962
- Ploeg, F. van der (2016). [Fossil fuel producers under threat](#). *Oxford Review of Economic Policy*, 32 (2), 206-222. doi: 10.1093/oxrep/grw004
- Ploeg, F. van der (2016). [Second-best carbon taxation in the global economy: The Green Paradox and carbon leakage revisited](#). *Journal of Environmental Economics and Management*, 78 (July), 85-105. doi: 10.1016/j.jeem.2016.02.006
- Ploeg, R. van der & Poelhekke, S. (in press). [The Impact of Natural Resources: A survey of recent quantitative evidence](#). *Journal of Development Studies*. doi: 10.1080/00220388.2016.1160069
- Rezai, A. & Ploeg, F. van der (2016). [Intergenerational inequality aversion, growth, and the role of damages: Occam's rule for the global carbon tax](#). *Journal of the Association of Environmental and Resource Economists*, 3 (2), 493-522. doi: 10.1086/686294
- Safarzynska, K.E. & Bergh, J.C.J.M. van den (in press). [Integrated crisis-climate policy: Macro-evolutionary modelling of technology, finance and energy interactions](#). *Technological Forecasting and Social Change*. doi: 10.1016/j.techfore.2016.07.033
- Sekulova, F. & Bergh, J.C.J.M. van den (2016). [Floods and Happiness: Empirical Evidence from Bulgaria](#). *Ecological Economics*, 126 (June), 51-57. doi: 10.1016/j.ecolecon.2016.02.014
- Shmelev, S.E. & Bergh, J.C.J.M. van den (2016). [Optimal diversity of renewable energy alternatives under multiple criteria: An application to the UK](#). *Renewable and Sustainable Energy Reviews*, 60 (July), 679-691. doi: 10.1016/j.rser.2016.01.100
- Silva Montalva, H.E., Lindsey, C.R., Palma, A. de & Berg, V.A.C. van den (in press). [On the Existence and Uniqueness of Equilibrium in the Bottleneck Model with Atomic Users](#). *Transportation Science*. doi: 10.1287/trsc.2016.0672
- Subtil Lacerda, J. & Bergh, J.C.J.M. van den (2016). [Diversity in solar photovoltaic energy: Implications for innovation and policy](#). *Renewable and Sustainable Energy Reviews*, 54, 331-340. doi: 10.1016/j.rser.2015.10.032

- Subtil Lacerda, J. & Bergh, J.C.J.M. van den (2016). [Mismatch of wind power capacity and generation: causing factors, GHG emissions and potential policy responses](#). *Journal of Cleaner Production*, 128 (August), 178-189. doi: 10.1016/j.jclepro.2015.08.005
- Thissen, M., Graaff, T. de & Oort, F.G. van (2016). [Competitive network positions in trade and structural economic growth: A geographically weighted regression analysis for European regions](#). *Papers in Regional Science*, 95 (1), 159-180. doi: 10.1111/pirs.12224
- Tikoudis, I.T., Ommeren, J.N. van & Verhoef, E.T. (2016). [Prijnsbeleid op de weg: waarom stedelijke arbeids- en huizenmarkten er toe doen](#). *Tijdschrift Vervoerswetenschap*, 52 (1), 62-74.
- Tol, R.S.J. (2016). [Comment on 'Quantifying the consensus on anthropogenic global warming in the scientific literature'](#). *Environmental Research Letters*, 11 (4), 1-6. doi: 10.1088/1748-9326/11/4/048001
- Tol, R.S.J., Nicholls, R.J., Brown, S., Hinkel, J., Vafeidis, A.T. & Spencer, T. (2016). [Comment on 'The Global Impacts of Extreme Sea-Level Rise: A Comprehensive Economic Assessment'](#). *Environmental and Resource Economics*, 64 (2), 341-344. doi: 10.1007/s10640-015-9993-y
- Tol, R.S.J. (2016). [Debating climate economics: A response to Ackerman's critique of climate damage modeling](#). *Energy Research & Social Science*, 17 (July), 165-166. doi: 10.1016/j.erss.2016.04.006
- Tol, R.S.J. (2016). [The impacts of climate change according to the IPCC](#). *Climate Change Economics*, 7 (1). doi: 10.1142/S2010007816400042
- Townsley, M., Birks, D., Ruiters, S., Bernasco, W. & White, G. (2016). [Target selection models](#). *Journal of Quantitative Criminology*, 32 (2), 283-304. doi: 10.1007/s10940-015-9264-7
- Verhoef, E.T. (2016). [Innovative Pricing for Sustainable Mobility: redactioneel](#). *Tijdschrift Vervoerswetenschap*, 52 (1), 1-2.

Working Papers

- Bakens, J., Florax, R.J.G.M. & Mulder, P. (2016). [Ethnic Drift and White Flight: A Gravity Model of Neighborhood Formation](#). (Working Paper, TI Discussion Series, no 16-062/VIII). Amsterdam: Tinbergen Institute.
- Donselaar, P. & Koopmans, C.C. (2016). [The fruits of R&D: Meta-analyses of the effects of Research and Development on productivity](#). (Working Paper, Research Memorandum, no 2016-1). Amsterdam: Faculty of Economics and Business Administration.
- Koster, H.R.A., Cheng, F.F., Gerritse, M.J.A. & Oort, F. van (2016). [Place-based Policies, Firm Productivity and Displacement Effects: Evidence from Shenzhen, China](#). (Working Paper, TI Discussion Paper, no 16-021/VIII). Amsterdam: Tinbergen Institute.
- Levkovich, O.D. & Rouwendal, J. (2016). [Spatial Planning and Segmentation of the Land Market](#). (Working Paper, TI Discussion Paper, no 16-018/VIII). Amsterdam: Tinbergen Institute.

Internet Articles

- Javorcik, B. & Poelhekke, S. (2016). [Former Foreign Affiliates: Cast Out and Outperformed?](#) (blog). VoxEU. (available: 13 jun 2016).
- de Haas, R. & Poelhekke, S. (2016). [Mining Matters: Natural Resource Extraction and Local Business Constraints](#). (blog). VoxEU. (available: 22 sep 2016).
- de Haas, R. & Poelhekke, S. (2016). [Mining causes infrastructure bottlenecks that hurt nearby manufacturers](#). (blog). LSE Business Review. (available: 28 sep 2016).

The next **Spatial Economics Newsletter** will appear in December 2016.

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<https://metis.vu.nl/metis/personal/login/login.view%3bjsessionid=2Qt1J8GH21VrQXG0R39DK6qkyNb7wtJpQpJrfH8gKhsIQ1S1qln6!732445808?moduleOfOrigin=personal>