

March, 2018

New posts on spatialeconomics.nl



[It is worthwhile to keep investing in historic buildings](#)



[Urban densification continues](#)



[Parking: the optimal occupancy rate in residential areas](#)

News from the Department

[Again: 'Top Rated Programme' Distinction for our master Spatial, Transport and Environmental Economics \(STREEM\)!](#)

As in 2017, STREEM was rated as top programme in the Keuzegids Masters:

Students and education experts are particularly enthusiastic about the attainability, academic building and study guidance. Every year, the Netherlands Higher

Education Information Centre (CHOI) published the Keuzegids Masters: the Netherlands' influential higher education guide for prospective students, which provides information to help students find the right Master's programme. The rankings are based on the opinions students expressed in the National Student Survey (NSE), the percentage of students that continue their studies in the second year and expert views. [Read more.](#)



Two journals – of which department members are editors – are to receive an impact factor

In the beginning of March, two journals managed by members of our department received the good news that these journals will receive an impact factor soon. Erik Verhoef is co-editor-in-chief of Economics of Transportation, Erik Ansink is managing editor of Water Resources and Economics. The Web of Science has accepted both journals for coverage in its Journal Citation Reports (SSCI). The journals' official Web-of-Science Impact Factor and associated bibliometrics indicators will be computed and published for the year 2018 onwards.

Hans Koster appointed Fellow/Advisor of the CMSSE in St. Petersburg

Hans Koster was appointed Fellow / Advisor of the Center for Market Studies and Spatial Economics in St. Petersburg. As per 2018, Hans will be visiting St. Petersburg for 20 days a year. The Center's activities focus on fundamental research on market structure theory with an emphasis on applying developed theories to international trade, industrial organization and urban economics. Papers by the Center's staff on the above research have been published in renowned journals such as *Econometrica*, *Journal of International Economics* and *Journal of Urban Economics*.

Cooperation agreement between Spatial Economics VU and Universitas Indonesia, Jakarta

The Department of Spatial Economics – represented by Peter Mulder, Erik Verhoef, Henri de Groot and Gerard van der Meijden - recently signed a cooperation agreement with the Faculty of Economics and Business at the Universitas Indonesia in Jakarta. The long term goal of the collaboration is to develop joint teaching activities and to conduct joint research in the field of transport, urban and environmental economics. [Read more.](#)

Policy measure: Compensation for CO₂ emissions

As from 2017, the department compensates for the CO₂ emissions, caused by air trips made by its department members. Annually, per 1 tonne CO₂ emission, an amount of € 8,75 will be invested in replacing cookstoves in Uganda, neutralizing the CO₂ emissions caused by the travelling. This project is facilitated through Greenseat, a Goldstandard certified organization. In 2017, our department members made 72 air trips, with a distance of on average 3,500 kilometers (one way), emitting 93 tonnes CO₂. In order to compensate for the fact that we did not observe all flights, we multiplied this with 1.25, leading to a compensating amount of € 1023.80.

Upcoming Events

Eureka Seminars

(held on Thursdays from 12:15-13:15, location flexible)

22 March, room 9A-33: Eric Kroes & Jan Rouwendal

19 April, room 10A-36: Paul Verstraten (CPB) and Francis Ostermeijer

17 May, room 5A-37: Carl Koopmans & Huyen Tran ('Urban structure with endogenous green amenities')

Titles and locations, if not given: TBA

More information: G.C.vanderMeijden@vu.nl

Spatial Economics Seminar at the Tinbergen Institute

(held on Thursdays from 12:15-13:15. Location: Tinbergen Institute Amsterdam, room 1.01)

29 March: Radek Stefanski (St. Andrews)

12 April: Reyer Gerlagh (Tilburg)

19 April: Marc Hafstead (RFF)

8 May: Arik Levinson (Georgetown) – Note: this is a TUESDAY --

31 May: Nicholas Treich (Toulouse)

Titles, if not given: TBA

More information: S.Poelhekke@vu.nl

In the media *(in Dutch)*

Duitse tolheffing tot zeker 2020 uitgesteld. 'Dat had je kunnen zien aankomen' (interview with Erik

Verhoef on BRN Nieuwsradio, 9 March, 2018)

Eerste experiment met filehandel veelbelovend (article on the results of research within the project U-SMILE, Algemeen Dagblad, 8 March, 2018)

Eerste experiment verhandelbare verkeersrechten veelbelovend (press release on the results of research within the project U-SMILE with factsheet attached, beginning of March, 2018)

Meedeinen op de spitsgolven (interview with Erik Verhoef, Het Financieele Dagblad, 10 February, 2018, p. 6-8)

Meer asfalt – de weg van de minste weerstand (interview with Erik Verhoef, Nederlands Dagblad, 6 January, 2018)

Publications (20 August, 2017 – 1 March, 2018)

Journal articles

- Ansink, E., Gengenbach, M. & Weikard, H. P. (2017). River coalitions and water trade. Oxford Economic Papers. 69, 2, p. 453-469
- Ansink, E., Tesfaye, A., Bouma, J. & Brouwer, R. (2017). Cooperation in watershed management: A field experiment on location, trust, and enforcement. Resource and Energy Economics. 50, p. 91-104
- Ansink, E., Weikard, H-P. & Withagen, C. A. A. M. (2018). International environmental agreements with support. In : Journal of Environmental Economics and Management_(online first)
- Bernasco, W. & Steenbeek, W. (2017). More Places than Crimes: Implications for Evaluating the Law of Crime Concentration at Place. Journal of Quantitative Criminology. 33, 3, p. 451-467
- Bernasco, W., de Graaff, T., Rouwendal, J. & Steenbeek W. (2017). Social Interactions and Crime Revisited: An Investigation Using Individual Offender Data in Dutch Neighborhoods. Review of Economics and Statistics. 99, 4, p. 622-636
- Botzen, W. J. W., van den Bergh, J. C. J. M. & G, C. (2018). Climate policy without intertemporal dictatorship: Chichilnisky Criterion vs. Classical Utilitarianism in DICE. In : Climate Change Economics (online first)
- Chen, M., Lijesen M.G. & Nijkamp, P. (2017). Interpretation of cruise industry in a two-sided market context: An exploration on Japan. Maritime Policy & Management. 44, 6, p. 790-801
- Cheshire, P., Hilber, C. A. L. & Koster, H. R. A. (2018). Empty Homes, Longer Commutes: the Unintended Consequences of more Restrictive Local Planning. In : Journal of Public Economics. 158, 2, p. 126-151
- Diogo, V., Reidsma, P., Schaap, B., Andree, B. P. J. & Koomen, E. (2017). Assessing local and regional economic impacts of climatic extremes and feasibility of adaptation measures in Dutch arable farming systems. Agricultural Systems. 157, October, p. 216-229
- Drews, S., Antal, M. & van den Bergh, J. C. J. M. (2018). Challenges in Assessing Public Opinion on Economic Growth Versus Environment: Considering European and US Data. In: Ecological Economics. 146, p. 265-272
- Estrada, F., Botzen, W. J. W. & Tol, R. S. J. (2017). A global economic assessment of city policies to reduce climate change impacts. Nature Climate Change. 7, 6, p. 403-406
- Fischer, C., Greaker, M. & Rosendahl, K. E. (2018). Strategic technology policy as a supplement to renewable energy standards. In : Resource and Energy Economics. 51, p. 84-98
- Gazheli, A. & van den Bergh, J. (2018). Real options analysis of investment in solar vs. wind energy: Diversification strategies under uncertain prices and costs. In : Renewable and Sustainable Energy Reviews. 82, p. 2693-2704

- Husby, T. G., de Groot, H. L. F., Hofkes, M. & Filatova, T. (2018). Flood Protection and Endogenous Sorting of Households: the role of credit constraints. In : Mitigation and Adaptation Strategies for Global Change. 23, 2, p. 147-168
- Hwang, I.C., Reynès, F. & Tol R.S.J. (2017). The effect of learning on climate policy under fat-tailed risk. Resource and Energy Economics. 48, p. 1-18
- Jacobs-Crisioni, C. & Koomen, E. (2017). Population growth, accessibility spillovers and persistent borders: Historical growth in West-European municipalities. Journal of Transport Geography. 62, p. 80-91
- Ke, X., van Vliet, J., Zhou, T., Verburg, P. H., Zheng, W. & Liu, X. (2018). Direct and indirect loss of natural habitat due to built-up area expansion: A model-based analysis for the city of Wuhan, China. In : Land Use Policy (online first)
- Koster H.R.A. & Rouwendal J. (2017). Historic Amenities and Housing Externalities: Evidence from the Netherlands. Economic Journal. 127, 605, p. F396-F420
- Lijesen, M.G. & Behrens, C.L. (2017). The spatial scope of airline competition. Transportation Research Part E: Logistics and Transportation Review. 99, p. 1-13
- Lindegaard, M. R. & Bernasco, W. 1 Feb (2018). Lessons Learned from Crime Caught on Camera. In : Journal of Research in Crime and Delinquency. 55, 1, p. 155-186
- Lindegaard, M. R., Daniël de Vries, T. & Bernasco, W. (2018). Patterns of Force, Sequences of Resistance: Revisiting Luckenbill with Robberies Caught on Camera. In : Deviant Behavior (forthcoming)
- Lindegaard, M. R., Liebst, L. S., Bernasco, W., Heinskou, M. B., Philpot, R., Levine, M. & Verbeek (2017). Consolation in the aftermath of robberies resembles post-aggression consolation in chimpanzees. PLoS One. 12, 5, e0177725
- Loon, R. van & Rouwendal J. (2017). Travel purpose and expenditure patterns in city tourism: evidence from the Amsterdam Metropolitan Area. Journal of Cultural Economics. 41, 2, p. 109-127
- Osmani, D. & Tol, R. S. J. (2018). On the farsightedly and myopically stable international environmental agreements. In : Natural Resource Modeling (online first)
- Ploeg, F. van der & Rezai, A. (2018). The simple arithmetic of carbon pricing and stranded assets. In: Energy Efficiency (online first)
- Ploeg, F. van der & Withagen, C. (2017). Challenges in climate change economics. European Economic Review. 99, p. 1-4
- Rafiee, A., Van der Male, P., Dias, E. & Scholten, H. 1 Jan (2018). Interactive 3D geodesign tool for multidisciplinary wind turbine planning. In : Journal of Environmental Management. 205, p. 107-124
- Song, G., Liu, L., Bernasco, W., Xiao, L., Zhou, S. & Liao, W. (2018). Testing Indicators of Risk Populations for Theft from the Person across Space and Time: The Significance of Mobility and Outdoor Activity. In : Annals of the American Association of Geographers. p. 1-19
- Teulings, C. N., Ossokina, I. V. & de Groot, H. L. F. 1 Jan ((2018). Land use, worker heterogeneity and welfare benefits of public goods. In : Journal of Urban Economics. 103, p. 67-82
- Tol, R.S.J. (2017). Population and trends in the global mean temperature. Atmosfera. 30, 2, p. 121-135
- Tol, R.S.J. (2017). The structure of the climate debate. Energy Policy. 104, p. 431-438
- van den Bergh, J. C. J. M. & Botzen, W. J. W. (2018). Global impact of a climate treaty if the Human Development Index replaces GDP as a welfare proxy. In : Climate Policy. 18, 1, p. 76-85
- Verhoef, E. T. (2017). Cost recovery of congested infrastructure under market power. Journal of Urban Economics. 101, p. 45-56
- Verhoef, E. T. & Silva, H. E. (2017). Dynamic equilibrium at a congestible facility under market power. In : Transportation Research Part B: Methodological. 105, p. 174-192
- Wilcke, X., Bloem, P. & de Boer, V. (2017). The Knowledge Graph as the Default Data Model for Machine Learning. Data Science. 17, p.1-19
- Zhou, T., Koomen E. & van Leeuwen, E.S. (2018). Residents' preferences for cultural services of the landscape along the urban-rural gradient. Urban Forestry & Urban Greening. 29, p. 131-141
- Zhou, T., Koomen, E. & van Leeuwen, E. S. (2018). Residents' preferences for cultural services of the landscape along the urban-rural gradient. In : Urban Forestry & Urban Greening. 29, p. 131-141

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Working papers

- Andree, B. P. J., Blasques Albergaria Amaral, F. & Koomen, E. (2017). Smooth Transition Spatial Autoregressive Models. Amsterdam: Tinbergen Institute, 55 p.(Tinbergen Institute Discussion Paper Series; vol. 2017-050/III)
- Benchekroun H., van der Meijden G.C. & Withagen C.A.A.M. (2017). OPEC, Shale Oil, and Global Warming - On the importance of the order of extraction. Amsterdam: Tinbergen Institute. (TI Discussion Paper Series; 104/VIII)
- Chatzivasileiadis T., Estrada Porrua F., Hofkes M.W. & Tol, R.S.J. (2017). Systematic sensitivity analysis of the full economic impacts of sea level rise. University of Sussex. p. 1-25
- Chatzivasileiadis, T., Estrada Porrua, F., Hofkes, M.W. & Tol, R.S.J. (2017). The memory of Katrina and the stock market response to hurricane-related news and events. University of Sussex. 2017, p. 1-24
- Fu, X., van den Berg, V. A. C. & Verhoef, E. T. (2017). Private Road Supply in Networks with Heterogeneous Users. Amsterdam: Tinbergen Insitute, 52 p.(TI Discussion Paper Series; no. 17-025/VIII).
- Jacobs, B. & van der Ploeg, F. (2017). Should Pollution Taxes Be Targeted At Income Redistribution? Amsterdam: Tinbergen Instituut, 46 p.(TI Discussion Paper Series; vol. 17, no. 070/VI)
- Jong, G. de, Behrens, C. L., van Herk, H. & Verhoef, E. T. (2017). Domestic Market Power in the International Airline Industry. Amsterdam: Tinbergen Institute, 34 p.(Tinbergen Institute Discussion Paper; no. 17-009/VIII)
- Montfort, J.A.G.F. van & van den Berg, V.A.C. (2017). The total size of an airline and the quality of its flights. Amsterdam: Tinbergen Institute. 2017, (TI Discussion Paper Series; 099/VIII)
- Mulalic, I., Rasmussen, H., Rouwendal, J. & Woltmann, J.H. (2017). The Financial Crisis and Diverging House Prices: Evidence from the Copenhagen Metropolitan Area. Amsterdam: Tinbergen Institute (TI Discussion Paper Series; 084/VIII)
- Rijken, D. & van den Berg, V. A. C. (2017). The Impact of Airline Mergers on Quality: Why Do Different Mergers Have Such Different Effects? Amsterdam: Tinbergen Institute, 25 p.(TI Discussion Paper Series; vol. 17, no. 079/VIII)
- Rouwendal, J. (2017). Specification Tests for The Multinomial Logit Model Revisited: The Role of Alternative-Specific Constants. Amsterdam: Tinbergen Institute, 16 p.(TI Discussion Paper Series; vol. 17, no. 068/VIII)
- Rouwendal, J., Levkovich, O. D. & Mulalic, I. (2017). Discrete Choice Models for Commuting Interactions Amsterdam: Tinbergen Institute, 21 p.(TI Discussion Paper Series; vol. 17, no. 067/VIII)
- Verhoef, E. T. (2017). Optimal Congestion Pricing with Diverging Long-run and Short-run Scheduling Preferences. Amsterdam: Tinbergen Institute, 33 p.(TI Discussion Paper Series; vol. 17, no. 077/VIII)
- Wiegand, M., Koomen, E., Pradhan, M. P. & Edmonds, C. (2017). The Impact of Road Development on Household Welfare in Rural Papua New Guineae. Amsterdam: Tinbergen Institute, 33 p.(TI Discussion Paper Series; vol. 17, no. 076/V)

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