

## NEWS FROM THE DEPARTMENT



On Friday, August 29, 2014, **Raymond Florax** was awarded the EIB-ERSA Prize. Raymond received the prize during the ERSA (European Regional Science Association) 2014 Congress, held in St. Petersburg. The European Investment Bank (EIB)- European Prize in Regional Science was created in 2003 to recognize the outstanding contribution of scholars to the advancement in regional science and in related spatial area studies.



In July, 2014, **Hans Koster** was awarded a Veni grant by NWO for his research on 'Planning, places, prices and politics: the economics of spatial planning policy'. This project will analyse the economic reasons for applying spatial planning. By making use of theoretical models and unique microdata Hans will analyse the influence of height restrictions, heritage protection, and social housing on the urban economy. Earlier this year, Hans was awarded the prestigious August Lösch Prize 2014 for his dissertation on 'The Internal Structure of Cities'.



On May, 26, 2014, **Harmen Verbruggen** was appointed Officer in the Order of Orange-Nassau. Harmen Verbruggen was Dean of FEWEB until January 1, 2014, and will continue working at our department as Professor of International Environmental Economics.

## UPCOMING EVENTS

### Inaugural Lecture:

October 23, 2014, 15.45-16.45 hrs

Wim Bernasco: *Route, routine and ratio: hoe misdadigers doelwitten vinden* (in Dutch).

Location: Aula, VU University

### Eureka Seminars:

(Location: Room 1B-5/6, Time: 13.00-14.00 hrs, lunch included)

September 11, 2014,

Jan Rouwendal: *Cultural Heritage*

Dominic Hauck: *Vertical product differentiation and social network effects*

October 9, 2014

Hugo Silva-Montalva & Erik Ansink

November 13, 2014  
Martijn Smit

December 11, 2014  
Thomas de Graaff & Jan Möhlmann

Titles (from October onwards): 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:**

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

22 September, 2014  
Mark Kattenberg (CPB)

29 September, 2014  
Arthur van Benthem (Wharton, University of Pennsylvania)

13 October, 2014  
Giulia Faggio (London School of Economics)

27 October, 2014  
Stuart Rosenthal (Syracuse University)

3 November, 2014  
Piet Eichholtz (Maastricht University)

15 December, 2014  
Jacques Thisse (UC Louvain)

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

### **TE-Lunch Seminars:**

(Time: 13.00-14.00 hrs)

October 3, 2014  
Leen Stougie (VU University, Dept. of Operations Research): *Network Algorithms*  
Location: room 5A-10

November 21, 2014  
Bruno de Borger (Antwerp University): *The political economics of transportation*  
Location: room 1G-10 (Filosofenhof)

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

## Seminar ICT-tools en participatie in gebiedsontwikkeling (in Dutch):

FEWEB-RE participates in an evening seminar dedicated to ICT-tools for public participation in spatial development. The event is organized by NWO/Urban Regions in the Delta and the Rooilijn journal. Eric Koomen will provide a general introduction to the use of geo-ICT tools in spatial development processes and demonstrate the Land Use Scanner model.

Date and time: September 10, 2014, 18.00-20.00 hrs

Location: Pakhuis de Zwijger, Piet Heinkade 179, 1019 HC Amsterdam

More information: <http://www.dezwijger.nl/117177/nl/rooilijn-kenniskring-3-ict-tools-en-participatie>

## STAFF

### Welcome...



**Bo André** is a new student assistant. He studies STREEM and contributes to ongoing research projects related to the economic rationale behind land-use changes. Bo's research interests include urban development, spatial economics within the agricultural sector, land-use change, spatial modelling and policy support.



**Ana Maria Barufi** is taking her PhD in Economics at the University of São Paulo, Brazil, and will stay as a visiting student at FEWEB until January 2015. She spent a semester at the GeoDa Center, ASU, and her research interests are related to agglomeration economies, regional labour markets and regional economic development.



**Achim Czerny** joined our department on July 1, 2014. Achim got his PhD at the TU Berlin, and from 2008, he was assistant professor of Regulatory Economics at WHU – the Otto Beisheim School of Management (Koblenz / Düsseldorf). His research interests cover microeconomics and industrial organization, more specifically, airport congestion management, airport pricing, airline pricing, airline alliances.



**Liz Dobis** is a Ph.D. student at Purdue University in West Lafayette, IN, United States and visiting our department from August through October. Her dissertation is about the development of the urban system in the United States, and while at the VU she is researching central place theory and the population growth of cities.



**Xinying Fu** started working at the VU on 1 December, 2013. Her research interests are network congestion pricing and industrial organization. Earlier, she worked at the general economics department at the VU on uncertain demand and airline overbooking.



**Mark Opmeer** started working as a PhD candidate at Spinlab. His master's was on History, Education and GIS. At this moment, Mark works on a project about spatial data infrastructures, cultural heritage and linked open-data technology.



**Toshi Otazawa** is from Kobe University in Japan and will work at the VU for one year, as from September. His research interest is the interrelationship between social interactions and urban geography. In addition, Toshi is interested in how commuting policies effect on the spatial structure of cities.



This August, fresh out of university, **Xander Wilcke** started working on Machine Learning and Linked Data within the archaeological domain. With a background in Artificial Intelligence, he will endeavour to form a bridge between the Network Institute and SPINlab, thereby bringing smart technologies into the field of digital humanities.



**Ting Zhou** (China) defended her PhD in November, 2013 at the Earth Sciences and Economics Department, and will continue her research at the Spatial Economics Department from this August on. Her research interest is 'The provision of ecosystem services by the urban rural fringe: opportunities for optimization'.

## Goodbye...

On September 1, **Martijn Dröes** started to work as Assistant Professor Real Estate Finance at the University of Amsterdam (Finance Department).

**Norikoh Itoh**, who spent a sabbatical year at our department, left for her hometown Kobe in Japan. Feel free to contact her on facebook or by mail: [ishikawa@center.konan-u.ac.jp](mailto:ishikawa@center.konan-u.ac.jp)

**Jaap de Vries**, who is completing his PhD thesis, found a job as a consultant at Spoorgloren in Houten, starting from September 1. Spoorgloren is a consultancy agency in the railway sector. The job involves econometric analysis of data on passengers and trains, in several projects. On Tuesdays he will sometimes be at the VU for research.

On September 1, **Christian Bogmans** started to work as Lecturer in Economics at the Department of Economics, Birmingham Business School, the University of Birmingham.

## JOURNAL ARTICLES AND WORKING PAPERS January-August 2014

### Journal articles

- Annema, J.A., Koopmans, C.C. (2014) The practice of valuing the environment in cost-benefit analyses in transport and spatial projects, *Journal of Environmental Planning and Management* (forthcoming).  
<http://dx.doi.org/10.1080/09640568.2014.941975>
- Basso, L.J. & Silva Montalva, H.E. (in press). Efficiency and Substitutability of Transit Subsidies and Other Urban Transport Policies. *American Economic Journal: Economic Policy*.
- Batista e Silva, F., Koomen, E., Diogo, V. & Lavallo, C. (2014). [Estimating demand for industrial and commercial land use given economic forecasts](#). *PLoS One*, 9(3), e91991.
- Berg, V.A.C., Verhoef, E.T. (2014). Congestion pricing in a road and rail network with heterogeneous values of time and schedule delay. *Transportmetrica A:Transport Science*, 10:5, 377-400,  
<http://www.tandfonline.com/doi/pdf/10.1080/23249935.2013.766820>
- Bergh, J.C.J.M. van den & Grazi, F. (2014). [Ecological Footprint Policy? Land Use as an Environmental Indicator](#). *Journal of Industrial Ecology*, 18(1), 10-19.
- Botzen, W.J.W. & Bergh, J.C.J.M. van den (2014). [Specifications of social welfare in economic studies of climate policy: Overview of criteria and evaluation of policy insights](#). *Environmental and Resource Economics*, 58(1), 1-33.
- Bouma, J.A., Joy, K.J., Paranjape, S. & Ansink, E. (2014). [The Influence of Legitimacy Perceptions on Cooperation – A Framed Field Experiment](#). *World Development*, 57(May), 127-137.
- Caragliu, A. & Nijkamp, P. (2014). [Cognitive Capital and Islands of Innovation: The Lucas Growth Model from a Regional Perspective](#). *Regional Studies*, 48(4), 624-645.
- Czerny, A. I. and Zhang, A. (2014). Airport peak-load pricing revisited: The case of peak and uniform tolls. *Economics of Transportation*, 3: 90–101.  
<http://www.sciencedirect.com/science/article/pii/S2212012213000257>
- Czerny, A. I. and Zhang, A. (2014). Airport congestion pricing when airlines price discriminate. *Transportation Research Part B*, 65: 77-89. <http://www.sciencedirect.com/science/article/pii/S019126151400054X>
- Czerny, A. I., Höfler, F. and Mun, S. Hub port competition and welfare effects of strategic privatization. *Economics of Transportation*, forthcoming. <http://www.sciencedirect.com/science/article/pii/S2212012214000379>
- Dekkers, J.E.C., Koomen, E. & Broitman, D. (2014). De verstedelijingsparadox; verdichtingsambities in de praktijk. *Rooilijn*, 47(1), 22-29.
- Diogo, V., Hilst, F. van der, Eijck, J. van, Verstegen, J.A., Hilbert, J., Carballo, S., Volante, J. & Faaij, A. (2014). [Combining empirical and theory-based land-use modelling approaches to assess economic potential of biofuel production avoiding iLUC: Argentina as a case study](#). *Renewable and Sustainable Energy Reviews*, 34(June), 208-224.
- Groot, S.P.T., Groot, H.L.F. de & Smit, M.J. (2014). Regional Wage Differences in the Netherlands: Micro Evidence on Agglomeration Externalities. *Journal of Regional Science*, 54(3), 503-523. 10.1111/jors.12070
- Gubins, S., Verhoef, E.T. (2014). Dynamic bottleneck congestion and residential land use in the monocentric city. *Journal of Urban Economics* 80: 51-61 [http://ac.els-cdn.com/S0094119013000776/1-s2.0-S0094119013000776-main.pdf?\\_tid=9e47a074-335a-11e4-93cb-00000aab0f27&acdnat=1409742682\\_9038c0a512cc32a4d20a7247d7dfc4c0](http://ac.els-cdn.com/S0094119013000776/1-s2.0-S0094119013000776-main.pdf?_tid=9e47a074-335a-11e4-93cb-00000aab0f27&acdnat=1409742682_9038c0a512cc32a4d20a7247d7dfc4c0)
- Gutierrez Puigarnau, E. & Ommeren, J.N. van (in press). Labour supply and commuting revisited. *Urban Studies*.
- Heilbich, M., Brunauer, W., Vaz, E & Nijkamp, P. (2014). [Spatial Heterogeneity in Hedonic House Price Models: The Case of Austria](#). *Urban Studies*, 51(2), 390-411.
- Husby, T.G., Groot, H.L.F. de, Hofkes, M.W. & Dröes, M.I. (2014). [Do floods have permanent effects? Evidence from the Netherlands](#). *Journal of Regional Science*, 54(3), 355-377.
- Jacobs-Crisioni, C.G.W., Rietveld, P. & Koomen, E. (2014). [The impact of spatial aggregation on urban development analyses](#). *Applied Geography*, 47(February), 46-56.

- Jacobs, W., Koster, H.R.A. & Oort, F.G. van (2014). [Co-agglomeration of knowledge-intensive business services and multinational enterprises](#). *Journal of Economic Geography*, 14(2), 443-475.
- Jong, G. de, Kouwenhoven, M., Bates, J., Koster, P., Verhoef, E., Tavasszy, L., Warffemius, P. (2014). New SP-values of time and reliability for freight transport in the Netherlands. *Transportation Research E* 64: 71-87  
[http://ac.els-cdn.com/S1366554514000155/1-s2.0-S1366554514000155-main.pdf?\\_tid=4694dd10-3355-11e4-bc42-00000aab0f02&acdnat=1409740387\\_c57328baab0b4d94b060773449d053ec](http://ac.els-cdn.com/S1366554514000155/1-s2.0-S1366554514000155-main.pdf?_tid=4694dd10-3355-11e4-bc42-00000aab0f02&acdnat=1409740387_c57328baab0b4d94b060773449d053ec)
- Koomen, E., Westerink, J. & Nedkov, S. (2014). Gebiedsontwikkeling dicht bij de burger. *Rooilijn*, 47(4), 280-285.
- Koopmans, C., G. Marlet en D. Willebrands (2014), Naar de bollen, *TPEdigitaal* 8 (1), 99-108.  
<http://www.tpedigitaal.nl/assets/static/Koopmans-Marlet-Willebrands-1-2014.pdf>
- Koopmans, C. en M. Volkerink (2014), Zorgen overheidsbestedingen voor extra banen?, *Tijdschrift voor Arbeidsvraagstukken* 30 (1), 40-52.  
[http://www.boomlemmatijdschriften.nl/tijdschrift/TvA/2014/1/TvA\\_0169-2216\\_2014\\_030\\_001\\_005.pdf](http://www.boomlemmatijdschriften.nl/tijdschrift/TvA/2014/1/TvA_0169-2216_2014_030_001_005.pdf)
- Koster, H.R.A., Ommeren, J.N. van & Rietveld, P. (2014). [Agglomeration Economies and Productivity: A Structural Estimation Approach Using Commercial Rents](#). *Economica*, 81(321), 63-85.
- Koster, H.R.A., Ommeren, J.N. van & Rietveld, P. (2014). [Estimation of semiparametric sorting models: Explaining geographical concentration of business services](#). *Regional Science and Urban Economics*, 44(January), 14-28.
- Koster, H.R.A., Ommeren, J.N. van & Rietveld, P. (2014). [Is the sky the limit? High-rise buildings and office rents](#). *Journal of Economic Geography*, 14(1), 125-153.
- Kourtit, K., Macharis, C. & Nijkamp, P. (2014). [A Multi-Actor Multi-Criteria Analysis of the Performance of Global Cities](#). *Applied Geography*, 49(May), 24-36.
- Kroes, E. en Koopmans, C. (2014), De baten van comfort in het openbaar vervoer; een overzicht van literatuur, *Tijdschrift Vervoerswetenschap* 50 (2), 36-51.  
<http://www.vervoerswetenschap.nl/attachments/article/805/4.%20Eric%20Kroes%20-%20De%20baten%20van%20comfort%20in%20het%20openbaar%20vervoer.pdf>
- Motamed, M.J., Florax, R.J.G.M. & Masters, W.A. (in press). [Agriculture, Transportation and the Timing of Urbanization: Global Analysis at the Grid Cell Level](#). *Journal of Economic Growth*.
- Ridderstaat, J.R., Oderber, M., Croes, R., Nijkamp, P. & Martens, P. (2014). [Impacts of Seasonal Patterns of Climate on Recurrent Fluctuations in Tourism Demand: Evidence from Aruba](#). *Tourism Management*, 41(April), 245-256.
- Ridderstaat, J.R., Croes, R. & Nijkamp, P. (in press). [Tourism and Long-Run Economic Growth in Aruba](#). *International Journal of Tourism Research*.
- Russo, G., Tedeschi, F., Reggiani, A. & Nijkamp, P. (2014). [Commuter Effects on Local Labour Markets: A German Modelling Study](#). *Urban Studies*, 51(3), 493-508.
- Silva, H.E., Verhoef, E.T., Berg, V. van den (2014). Airline route structure competition and network policy. *Transportation Research B* 67: 320-343 [http://ac.els-cdn.com/S0191261514000939/1-s2.0-S0191261514000939-main.pdf?\\_tid=4a94a674-3356-11e4-a2e0-00000aab0f01&acdnat=1409740853\\_d09285b88c7f1399fa33e7b0acd2be42](http://ac.els-cdn.com/S0191261514000939/1-s2.0-S0191261514000939-main.pdf?_tid=4a94a674-3356-11e4-a2e0-00000aab0f01&acdnat=1409740853_d09285b88c7f1399fa33e7b0acd2be42)
- Silva Montalva, H.E., Verhoef, E.T. & Berg, V.A.C. van den (2014). [Airlines' strategic interactions and airport pricing in a dynamic bottleneck model of congestion](#). *Journal of Urban Economics*, 80, 13-27.
- Smit, M.J., Abreu, M.A. & Groot, H.L.F. de (in press). [Micro-evidence on the determinants of innovation in the Netherlands: The relative importance of absorptive capacity and agglomeration externalities](#). *Papers in Regional Science*.
- Steenbruggen, J.G.M., Nijkamp, P. & Vlist, A.J. van der (in press). [Urban Traffic Incident Management in a Digital Society: An Actor-Network Approach in Information Technology Use in Urban Europe](#). *Technological Forecasting and Social Change*.
- Suzuki, S., Nijkamp, P., Pels, A.J.H. & Rietveld, P. (2014). [Comparative performance analysis of European airports by means of extended data envelopment analysis](#). *Journal of Advanced Transportation*, 48(3), 185-202.
- Tranos, E., Gheasi, M. & Nijkamp, P. (in press). [International migration: a global complex network](#). *Environment and Planning B. Planning and Design*.
- Vaz, E, Noronha, M.T. de & Nijkamp, P. (2014). [Exploratory Landscape Metrics for Agricultural Sustainability](#). *Agroecology and Sustainable Food Systems*, 38(1), 92-108.
- Weerman, F.M., Bernasco, W., Bruinsma, G.J.N. & Pauwels, L.J.R (in press). [When is Spending Time with Peers Related to Delinquency? The Importance of Where, What and With Whom](#). *Crime & Delinquency*.



- Weijde, A.H. van der, Verhoef, E.T. & Berg, V.A.C. van den (2014). Hotelling Models with Price-Sensitive Demand and Asymmetric Transport Costs: An Application to Public Transport Scheduling. *Journal of Transport Economics and Policy*, 48(2), 261-277.
- Withagen, C.A.A.M. & Ploeg, F. van der (2014). [Growth, renewables and the optimal carbon tax](#). *International Economic Review*, 55(1), 283-311.

### Working papers / reports

- Arribas-Bel, D., Nijkamp, P. & Poot, H.J. (2014). [How Diverse can Spatial Measures of Cultural Diversity be? Results from Monte Carlo Simulations on an Agent-Based Model](#). (TI Discussion Paper, no 14-08/VIII). Amsterdam: Tinbergen Institute.
- Dimitropoulos, A., Ommeren, J.N. van, Koster, P.R. & Rietveld, P. (2014). [Welfare effects of distortionary tax incentives under preference heterogeneity: an application to employer-provided electric cars](#). (TI Discussion Paper, no 14-064/VIII). Amsterdam: Tinbergen Institute.
- Droes, M.I. & Rietveld, P. (2014). [The Effect of Railway Travel on Urban Spatial Structure](#). (TI Discussion Paper, no 14-050/VIII). Amsterdam: Tinbergen Institute.
- Groot, S.P.T. & Groot, H.L.F. de (2014). [Estimating the Skill Bias in Agglomeration Externalities and Social Returns to Education: Evidence from Dutch Matched Worker-Firm Micro-data](#). (TI Discussion Paper, no 14-088/VIII). Amsterdam: Tinbergen Institute.
- Javorcik, B. & Poelhekke, S. (2014). [Former Foreign Affiliates: Cast Out and Outperformed?](#) (TI Discussion Paper, no 14-094/VIII). Amsterdam: TI Discussion Paper.
- Koster, P.R., Verhoef, E.T., Shepherd, S. & Watling, D. (2014). [Probabilistic Choice and Congestion Pricing with Heterogeneous Travellers and Price-Sensitive Demand](#). (TI Discussion Paper, no 14-078/VIII). Amsterdam: Tinbergen Institute.
- Levkovich, O.D. & Rouwendal, J. (2014). [Location Choices of highly Educated Foreign Workers: the Importance of Urban Amenities](#). (TI Discussion Paper, no 14-093/VIII). Amsterdam: TI Discussion Paper.
- Loon, R.R. van, Gosens, T.C.A.P. & Rouwendal, J. (2014). [Cultural Heritage and the Attractiveness of Cities: Evidence from Recreation Trips](#). (TI Discussion Paper, no 14-049/VIII). Amsterdam: Tinbergen Institute.
- Motamed, M.J., Florax, R.J.G.M. & Masters, W.A. (2014). [Agriculture, Transportation and the Timing of Urbanization: Global Analysis at the Grid Cell Level](#). (TI Discussion Paper, no 14-002/VIII). Amsterdam: Tinbergen Institute.
- Rouwendal, J., Marwijk, R. van & Levkovich, O.D. (2014). [The Value of Proximity to Water in Residential Areas](#). (TI Discussion Paper, no 14-047/VIII). Amsterdam: Tinbergen Institute.
- Silva Montalva, H.E., Lindsey, R., Palma, A. de & Berg, V.A.C. van den (2014). [On the Existence and Uniqueness of Equilibrium in the Bottleneck Model with Atomic Users](#). (TI Discussion Paper, no 14-077/VIII). Amsterdam: Tinbergen Institute.
- Sposito, V., Diogo, V., Faggian, R. & Romeijn, H. (2014). *Planning for blue-green infrastructure development at the regional level: A case study in the Gippsland Region, Victoria, Australia*. (Intern rapport). Amsterdam: University of Melbourne, VU Amsterdam, Gippsland Local Government Network.
- Wang, Z., Graaff, T. de & Nijkamp, P. (2014). [Cultural Diversity and Cultural Distance as Choice Determinants of Migration Destination](#). (TI Discussion Paper, no 14-66/VIII). Amsterdam: Tinbergen Institute.
- Weijde, A.H. van der (2014). [Price Differentiation and Discrimination in Transport Networks](#). (TI Discussion Paper, no 14-099/VIII). Amsterdam: Tinbergen Institute.

The next **Spatial Economics Newsletter** will appear in December, 2014.