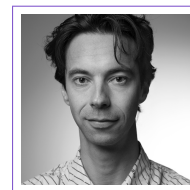


# Thomas de Graaff

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## Current affiliation

- 2020– **Associate professor**, *Vrije Universiteit*, Amsterdam, 1 fte  
Department of Spatial Economics
- 2017– **Tinbergen Institute research fellow**, *Tinbergen Institute*, Amsterdam

## Past affiliations

- 2007–2020 **Assistant professor**, *Vrije Universiteit*, Amsterdam, 1 fte  
Department of Spatial Economics
- 2007–2012 **Researcher**, *Netherlands Environmental Assessment Agency (PBL)*, The Hague, 0.3 fte
- 2001–2007 **Post-doctoral researcher**, *Vrije Universiteit*, Amsterdam  
Department of Spatial Economics
- 2005–2006 **Researcher**, *Netherlands Bureau for Economic Policy Analysis (CPB)*, The Hague
- 2004 **Guest Researcher**, *George Mason University*, Fairfax, USA

## Education

- 2019 **Senior teaching qualification (SKO)**, *Vrije Universiteit Amsterdam/LEARN! Academy*, Amsterdam
- 2013 **Supervising Ph.D. Students**, Amsterdam
- 2011 **English Language Proficiency**, *Taalcentrum-VU*, Amsterdam, C1  
According to the common European framework of reference for languages
- 2006 **Teaching certificate (Protra/BKO)**, *Vrije Universiteit*, Amsterdam
- 2002 **Ph.D. Economics**, *Vrije Universiteit*, Amsterdam
- 1998 **M.Phil. Economics**, *Tinbergen Institute*, Amsterdam
- 1997 **M.Sc. Econometrics**, *Vrije Universiteit*, Amsterdam

## Teaching experience

### Bachelor

- 2022– **Methoden & Technieken 3.4**, *Teacher & coordinator*, Earth & Economics
- 2011–2022 **Methoden & Technieken 3.4**, *Teacher & coordinator*, Earth & Economics
- 2016– **Regional and Urban Economics 2.2**, *Teacher*, Economics
- 2005–2015 **Regional Economics 2.4**, *Teacher*, Economics
- 2008–2009 **Urban Economics 3.2**, *Teacher & coordinator*, Economics

### Master

- 2004– **Network Analysis**, *Teacher & coordinator*, STREEM & TSCM
- 2006– **Advanced Methods for Spatial Economics**, *Teacher*, STREEM
- 2006– **Start Thesis and Thesis Coordinator**, *Teacher & coordinator*, Transport part TSCM
- 2018– **Advanced Research Methods**, *Teacher & coordinator*, TSCM
- 2010–2017 **Research seminar II**, *Teacher & coordinator*, TSCM

2010–2016 **Empirical Methods for Spatial Policy**, *Teacher & coordinator*, Earth & Economics

## Grants

- 2014 **Workshop on Open Workflows**, €2,150  
Training event on open access, open data and open science funded by the FOSTER EU-funded (FP7) project. Together with Daniel Arribas-Bel.

## Honors

- 2000 **Epainos price**  
Best paper award for young regional scientists at the ERSA conference.

## Co-promotor Ph.D. students

- 2023 **Stuart Donovan**, *Ties that bind and fray – Agglomeration economies and location choice*  
Promotores: Henri L.F. de Groot & Carl C. Koopmans
- 2016 **Zhiling Wang**, *People on the Move: Barriers of Culture, Networks and Language*  
Promotor: Peter Nijkamp
- 2015 **Sergejs Gubins**, *Information Technologies and Travel*  
Promotor: Erik. T Verhoef

## Publications

### In refereed journals

- 2024 Donovan, S., T. de Graaff, H. L. de Groot, and C. C. Koopmans (2024a). "Unraveling urban advantages—A meta-analysis of agglomeration economies". In: *Journal of Economic Surveys* 38.1, pp. 168–200.
- Donovan, S., T. de Graaff, H. L. de Groot, and A. Schiff (2024b). "An urban overhead? Crime, agglomeration, and amenity". In: *Journal of Housing Economics*, p. 101994.
- 2023 Wang, Z., T. de Graaff, and P. Nijkamp (2023). "Differences in heterogeneous returns to foreign language use at work among natives and migrants in Europe." In: *Romanian Journal of Regional Science* 17.1.
- 2022 Donovan, S., T. de Graaff, A. Grimes, H. L. de Groot, and D. C. Maré (2022). "Cities with forking paths? Agglomeration economies in New Zealand 1976–2018". In: *Regional Science and Urban Economics* 95, p. 103799.
- 2021 Panzera, E., T. de Graaff, and H. L. de Groot (2021). "European cultural heritage and tourism flows: The magnetic role of superstar World Heritage Sites". In: *Papers in Regional Science* 100.1, pp. 101–122.
- 2020 Bakens, J. and T. de Graaff (2020). "Valuation of ethnic diversity: heterogeneous effects in an integrated labor and housing market". In: *Journal of Economic Geography* 20.1, pp. 197–223.
- Graaff, T. de (2020). "On the estimation of spatial stochastic frontier models: an alternative skew-normal approach". In: *The Annals of Regional Science* 64.2, pp. 267–285.
- 2019 Gubins, S., J. van Ommeren, and T. de Graaff (2019). "Does new information technology change commuting behavior?" In: *The Annals of Regional Science* 62.1, pp. 187–210.
- 2018 Wang, Z., T. de Graaff, and P. Nijkamp (2018). "Barriers of Culture, Networks, and Language in International Migration: A Review". In: *REGION* 5.1, pp. 73–89.
- 2017 Bernasco, W., T. de Graaff, J. Rouwendal, and W. Steenbeek (2017). "Social Interactions and Crime Revisited: An Investigation Using Individual Offender Rates". In: *Review of Economics and Statistics* 99.4, pp. 622–636.
- 2016 Thissen, M., T. de Graaff, and F. G. van Oort (2016). "Competitive network positions in trade and structural economic growth: A geographically weighted regression analysis for European regions". In: *Papers in Regional Science* 95.1, pp. 159–180.

- Zhiling, W., T. de Graaff, and P. Nijkamp (2016). "Cultural Diversity and Cultural Distance as Choice Determinants of Migration Destination". In: *Spatial Economic Analysis* 11.2, pp. 176–200.
- 2015 Arribas-Bel, D. and T. de Graaff (2015). "WooW-II: Workshop on open workflows". In: *REGION* 2.2, R1–R2.
- Lankhuizen, M. B., T. De Graaff, and H. L. De Groot (2015). "Product heterogeneity, intangible barriers and distance decay: the effect of multiple dimensions of distance on trade across different product categories". In: *Spatial Economic Analysis* 10.2, pp. 137–159.
- 2013 Beckhusen, J., R. J. Florax, T. de Graaff, J. Poot, and B. S. Waldorf (2013). "Living and working in ethnic enclaves: English Language proficiency of immigrants in US metropolitan areas". In: *Papers in Regional Science* 92.2, pp. 305–328.
- Graaff, T. de and M. van Leuvensteijn (2013). "A European Cross-Country Comparison of the Impact of Homeownership and Transaction Costs on Job Tenure". In: *Regional Studies* 47.9, pp. 1443–1461.
- 2012 Graaff, T. de, F. G. van Oort, and R. J. Florax (2012a). "Regional Population-Employment Dynamics Across Different Sectors of the Economy". In: *Journal of Regional Science* 52.1, pp. 60–84.
- Graaff, T. de, F. G. van Oort, and R. J. Florax (2012b). "Sectoral heterogeneity, accessibility and population-employment dynamics in Dutch cities". In: *Journal of Transport Geography* 25, pp. 115–127.
- Gubins, S., E. T. Verhoef, and T. de Graaff (2012). "Welfare effects of road pricing and traffic information under alternative ownership regimes". In: *Transportation Research Part A: Policy and Practice* 46.8, pp. 1304–1317.
- 2010 Graaff, T. de and P. Nijkamp (2010). "Socio-economic impacts of migrant clustering on Dutch neighbourhoods: In search of optimal migrant diversity". In: *Socio-Economic Planning Sciences* 44.4, pp. 231–239.
- Waldorf, B. S., J. Beckhusen, R. J. Florax, and T. de Graaff (2010). "The role of human capital in language acquisition among immigrants in US metropolitan". In: *Regional Science Policy & Practice* 2.1, pp. 39–49.
- 2009 Graaff, T. de, J. Boter, and J. Rouwendal (2009). "On spatial differences in the attractiveness of Dutch museums". In: *Environment and Planning A* 41.11, pp. 2778–2797.
- 2008 Krabben, E. van der, K. Martens, T. de Graaff, and P. Rietveld (2008). "How to define the optimal level of public sector infrastructure development? A conceptual model for decision-making in infrastructure projects". In: *Planning, Practice and Research* 23, pp. 363–381.
- 2007 Graaff, T. de, H. L. de Groot, C. Rodenburg, and E. T. Verhoef (2007). "The WTP for facilities at the Amsterdam Zuidas". In: *Environment and Planning A* 39.9, pp. 2099–2118.
- Graaff, T. de and P. Rietveld (2007). "Substitution between Working at Home and Out-of-home; The Role of ICT and Commuting Costs". In: *Transportation Research A* 41, pp. 142–160.
- 2005 Florax, R. J., T. de Graaff, and B. S. Waldorf (2005). "A Spatial Economic Perspective on Language Acquisition: Segregation, Networking and Assimilation of Immigrants". In: *Environment and Planning A* 37, pp. 1877–1897.
- 2004 Graaff, T. de and P. Rietveld (2004a). "ICT and Substitution between Out-of-home and At Home Work; The Importance of Timing". In: *Environment and Planning A* 36, pp. 879–896.
- 2002 Graaff, T. de, A. Reggiani, and P. Nijkamp (2002). "Resilience: An Evolutionary Approach to Spatial Economic Systems". In: *Networks and Spatial Economics* 2, pp. 211–229.
- 2001 Graaff, T. de, R. J. Florax, P. Nijkamp, and A. Reggiani (2001). "A General Misspecification Test for Spatial Regression Models: Dependence, Heterogeneity, and Nonlinearity". In: *Journal of Regional Science* 41.2, pp. 255–276.
- Books**
- 2018 Otto Raspe Martijn van den Berge, T. d. G. (2018). *urban regions as engines of economic growth*. Den Haag, PBL, 3296.
- 2017 Otto Raspe Martijn van den Berge, T. d. G. (2017). *Stedelijke regio's als motoren van economische groei*. Den Haag, PBL, 2901.

- 2008 Graaff, T. d., F. G. Van Oort, and S. Boschman (2008). *Woonwerkdynamiek in Nederlandse gemeenten*. Rotterdam/Den Haag: NAI Uitgevers/Ruimtelijk Planbureau.
- 2002 Graaff, T. de (2002). *Migration, ethnic minorities and network externalities*. Thela Thesis.
- [Contributions to edited volumes](#)
- 2018 Graaff, T. de, D. Arribas-Bel, and C. Ozgen (2018). "Demographic Aging and Employment Dynamics in German Regions: Modeling Regional Heterogeneity". In: *Modelling Aging and Migration Effects on Spatial Labor Markets*. Ed. by R. R. Stough, K. Kourtit, P. Nijkamp, and U. Blien. Springer, pp. 211–231.
- 2017 Arribas-Bel, D., T. de Graaff, and S. J. Rey (2017). "Looking at John Snow's Cholera Map from the Twenty First Century: A Practical Primer on Reproducibility and Open Science". In: *Regional Research Frontiers-Vol. 2*. Ed. by R. Jackson and P. Schaeffer. Berlin: Springer, pp. 283–306.
- 2013 Graaff, T. de and B. Zondag (2013). "A population-employment interaction model as labour module in TIGRIS XL". In: *Employment location in cities and regions: models and applications*. Ed. by F. Pagliara, M. de Bok, D. Simmonds, and A. G. Wilson. Berlin: Springer-Verlag, pp. 57–87.
- 2012 Graaff, T. de, G. Debrezion Andom, and P. Rietveld (2012). "The impact of accessibility on house prices: an application to large urban planning and infrastructure projects in the Netherlands". In: *Accessibility analysis and transport planning*. Ed. by K. T. Geurs, K. J. Krizek, and A. Reggiani. Cheltenham: Edward Elgar, pp. 154–172.
- 2011 Graaff, T. de, G. Debrezion Andom, and P. Rietveld (2011). "The impact of accessibility on the value of offices". In: *Transitions towards sustainable mobility: New solutions and approaches for sustainable mobility*. Ed. by J. van Nuenen, P. Huijbregts, and P. Rietveld. Berlin: Springer-Verlag, pp. 41–58.
- 2009 Graaff, T. de, M. van Leuvensteijn, and C. van Ewijk (2009). "Homeownership, social renting, and labour mobility across Europe". In: *Homeownership and the labour market in Europe*. Ed. by C. van Ewijk and M. van Leuvensteijn. 1st ed. Oxford: Oxford University Press. Chap. 4, pp. 53–81.
- 2008 Graaff, T. de, C. Gorter, H. L. de Groot, and P. Nijkamp (2008). "Ethnic network externalities and labor market integration". In: *Migration and human capital*. Ed. by B. Waldorf, L. van Wissen, and J. Poot. Cheltenham: Edward Elgar, pp. 195–224.
- Oort, F. G. van, T. de Graaff, G. Renes, and M. Thissen (2008). "Economische dynamiek en de randstedelijke woningmarkt". In: *Agenda voor de woningmarkt: Koninklijke Vereniging voor de Staathuishoudkunde, preadviezen 2008*. Ed. by F. J. H. Don. Den Haag: SDU-uitgevers, pp. 101–125.
- 2007 Graaff, T. de and C. A. Rodenburg (2007). "Measuring the WTP for shopping facilities around railway stations". In: *Railway development: impacts on urban dynamics*. Ed. by F. Bruinsma, E. Pels, H. Priemus, P. Rietveld, and B. van Wee. Heidelberg: Physica-Verlag, pp. 213–233.
- 2006 Graaff Thomas, K. v. M. de and P. Nijkamp (2006). "Spatial Effects and Non-Linearity in Spatial Regression Models: Simulation Results for Several Misspecification Tests". In: *Spatial Dynamics, Networks and Modelling*. Ed. by A. Reggiani and P. Nijkamp. Cheltenham: Edward Elgar. Chap. 5, pp. 91–117.
- 2004 Florax, R. J. and T. de Graaff (2004). "The Performance of Diagnostics for Spatial Dependence in Linear Regression Models: A Meta-Analysis of Simulation Studies". In: *Advances in Spatial Econometrics*. Ed. by L. Anselin, R. J. Florax, and S. Rey. Berlin: Springer. Chap. 2, pp. 29–65.
- Graaff, T. de and H. L. de Groot (2004). "Ethnic Concentration and Human Capital Formation". In: *Urban Dynamics and Growth*. Ed. by R. Capello and P. Nijkamp. Amsterdam: Elsevier. Chap. 13, pp. 381–409.
- [Miscellaneous](#)
- 2014 Arribas-Bel, D. and T. de Graaff (2014). *Workshops on open workflows, 2nd Edition*.
- Graaff, T. d. (2014). *Stedelijke voorzieningen en bevolking: wie woont waar en waarom?* in: Jessie Bakens, Henri de Groot, Peter Mulder and Cees-Jan Pen (eds.), *Soort zoekt soort: Clustering en sociaal-economische scheidslijnen in Nederland*, platform31.
- 2009 Graaff, T. d., G. Debrezion, and P. Rietveld (2009). *De invloed van bereikbaarheid op vastgoedwaarden van kantoren*. Tijdschrift Vervoerswetenschap, 45, pp. 2–12.

- 2008 Graaff, T. (2008). *Door ITS op weg gestuurd*. Rooilijn, 41, no. 6, pp. 450–451, (boekbespreking Raffaël Argioli: Choice Location Behaviour and Intelligent Transport Systems).
- 2007 Graaff, T. (2007). *Samen Werken, Samen Leven (Maar liever niet naast elkaar...?!)* Vuurwerk, 3, 5, pp. 6–9.
- Graaff, T., M. van Leuvensteijn, and A. van Vuuren (2007). *Minder Overdrachtsbelasting Goed voor Arbeidsmarkt*. Economisch Statistische Berichten, 92, pp. 634–635.
- 2004 Graaff, T. d. and P. Rietveld (2004b). *Het Effect van ICT op Telewerken en Woon-werkverkeer*. Tijdschrift Vervoerswetenschap, 40, pp. 14–18.
- 2003 Graaff, T. d. (2003). *Integrating Immigrants*. TI magazine, 7.
- 2001 Graaff, T. d. (2001). *Taal, Adoptie en Integratie*. Avenir, 8.
- 1999 Graaff, T. d. (1999). *Institutional Dynamics as a Historical Process - Workshop Report on Avner Greif*. NAKÉ Nieuws.