

Dr. Raymond J.G.M. Florax

Dept. of Agricultural Economics
Purdue University
403 W. State Street
West Lafayette, IN 47907–2056, USA

Phone: + 1 (765) 494 4300 (Skype rflorax)
Fax: + 1 (765) 494 9176
E-mail: rflorax@purdue.edu
Website: <http://web.ics.purdue.edu/~rflorax/>

Academic and administrative positions

- 2005 – present Purdue University, Dept. of Agricultural Economics, West Lafayette, IN, USA
Professor of agricultural economics with special emphasis on teaching and research in urban and regional economics, spatial econometrics, and meta-analysis.
- 1997 – present VU University Amsterdam, Dept. of Spatial Economics, Amsterdam, The Netherlands
Associate professor and *Coordinator MASTER-point* (until 2005), a research institute focusing on comparative analysis in spatial, transport, and environmental economics. Supervising academic development, and providing the daily management of the institute with 15 faculty and staff (incl. Ph.D. students). Member of the management team of the Dept. of Spatial Economics. Teaching and research in spatial and environmental economics, including meta-analysis and spatial econometrics. Editor-in-chief and European editor of “Papers in Regional Science”, until 2007. Program director of the NWO-NOVEM program “Stimulating energy efficient technologies by small and medium sized enterprises” until 2008. As of 2005 part-time professorship (0.2 fte).
- 1994 – 1997 Wageningen University, Administration, Wageningen, The Netherlands
President University Council, responsible for all activities of the Council (33 members + advisors). Increased administrative efficiency and promoted optimal interaction between the Council and the Executive Board. Contributed to policy design at the university level as permanent advisor of the Executive Board, and provided a substantial contribution to the internal restructuring process of the university and its amalgamation with the agricultural research organizations.
- 1990 – 1997 Wageningen University, Dept. of Economics, Wageningen, The Netherlands
Assistant professor, taught undergraduate and graduate courses in economics and public administration, and supervised graduate students. Research focusing on regional economics and spatial econometrics. Project leader for two research programs of the Mansholt Research Institute.
- 1986 – 1990 University of Twente, Dept. of Economics and Public Administration, Center for Higher Education Policy Studies, Enschede, The Netherlands
Senior research associate, specializing in spatial economics, and planning and financing of higher education systems. Taught microeconomics to students of business and public administration, and supervised graduate students. Organized and supervised a course on financial management. Contributed to obtaining external funds for teaching and research.
- 1983 – 1986 Van Maerlantlyceum (now Pleincollege Van Maerlant), Eindhoven, The Netherlands
Assistant vice-principal high school, and member of the management team of the upper grade cluster of the school (1,200 students). Built a new information system for study options at universities, and supervised students’ choice processes. Provided information to and maintained contacts with parents regarding options for further education.

1979 – 1986 Van Maerlantlyceum (now Pleincollege Van Maerlant), Eindhoven, The Netherlands
High school teacher, economics, business economics, and accounting. Taught at higher secondary and pre-university levels, organized extra-curricular activities, and participated in various administrative assignments.

Visiting positions and affiliations

University of Waikato, National Institute of Demographic and Economic Analysis (NIDEA), Hamilton, New Zealand, *Visiting professor*, January – May 2012.

Netherlands Bureau of Economic Policy Analysis (CPB), The Hague, The Netherlands, *scientific advisor*, July – December 2004.

University of Illinois, Regional Economics Applications Laboratory (REAL), Urbana-Champaign, IL, USA, *Associate research professor*, 2002 – 2004.

University of Barcelona, Dept. of Economics, Statistics, and the Spanish Economy, Barcelona, Spain, *Visiting associate professor*, July – August 2000.

University of Arizona, Dept. of Geography and Regional Development, Tucson, AZ, USA, *Visiting associate professor*, January – May 2000.

San Diego State University, Dept. of Geography, San Diego, CA, USA, *Adjunct associate professor*, January – July 1998.

Education

1992 Ph.D., Dept. of Economics and Public Administration, University of Twente, Enschede, The Netherlands; dissertation *The University: A Regional Booster? Economic Impacts of Academic Knowledge Infrastructure*, advisors: Peter B. Boorsma and Hendrik Folmer.

1983 MA in economics, Catholic University Brabant, Tilburg, The Netherlands; thesis on the burden of government debts, advisor: Theo A. Stevers.

1981 BA in sociology, Catholic University Brabant, Tilburg, The Netherlands.

1979 BA in economics, Catholic University Brabant, Tilburg, The Netherlands.

Awards and recognitions

European Investment Bank – European Prize in Regional Science 2014 (EIB-ERSA Award), highest ERSA award for outstanding contributions to the advancement of regional science.

Fellow of the Tinbergen Institute (TI), Graduate school and Institute for economic research of Erasmus University Rotterdam, University of Amsterdam, and VU University Amsterdam, The Netherlands, 2011.

Fellow of the Spatial Econometrics Association (SEA), 2007.

Fellow of the Wageningen School of Social Sciences (WASS), Wageningen University and Research Centre, The Netherlands, 2006.

Listed among the intellectual leaders of the 1990s generation in regional science, and co-author of the most cited regional science article published in 1996; see Isserman (2004).

Fellow of the Netherlands Network of Economics (NAKE), the national graduate school for general and quantitative economics, 2000 – 2010.

First prize dissertation competition of the Regional Science Association International, 1993.

Membership in professional associations

American Economic Association (AEA), Regional Science Association International (RSAI, including Dutch Section and Western RSA), Regional Studies Association (RSA) Nederlandse Vereniging voor Staathuishoudkunde and American Agricultural Economics Association (AAEA)

List of research, teaching, and service activities

A. Research

Publications

Books

1. *The University: A Regional Booster? Economic Impacts of Academic Knowledge Infrastructure*, Aldershot: Ashgate, 1992 (also dissertation University of Twente), 330 pp.
2. *Public Expenditure on Higher Education: A Comparative Study in the EC-Member States, 1975-1990*, London: Jessica Kingsley, 1992, 252 pp. (with Frans Kaiser, Jos B.J. Koelman and Frans A. van Vught).

Edited volumes and special issues

1. Contributions to Spatial Econometrics, *International Regional Science Review* **37**(3), 2014, 247–405 (with Yong Bao and Julie Le Gallo).
2. Improving Energy Efficiency through Technology: Trends, Investment Behaviour and Policy Design, Cheltenham: Edward Elgar, 2011, 330 pp. (with Henri L.F. de Groot and Peter Mulder).
3. The Brightest of Dawns: 50 Years of Regional Science, special double issue *Papers in Regional Science* **83**(1), 2004, 1–388 (with David A. Plane). Including an additional chapter by Walter Isard reprinted as *Fifty Years of Regional Science*, Berlin: Springer Verlag, 2004, 420 pp.
4. *Advances in Spatial Econometrics: Methodology, Tools and Applications*, Berlin: Springer Verlag, 2004, 513 pp. (with Luc Anselin and Sergio J. Rey).
5. Energiebesparingsbeleid in Nederland: Over nut en noodzaak van toegepaste beleidsmodellen,¹ special issue of *Kwartaalschrift Economie* **1**(2), 2004, 123–224 (with Henri L.F. de Groot)
6. Spatial Econometric Data Analysis: Models, Extensions and Applications, *International Regional Science Review* **26**(3), 2003, 223–418 (with Arno van der Vlist).
7. *Comparative Environmental Economic Assessment*, Cheltenham: Edward Elgar, 2002, 384 pp. (with Peter Nijkamp and Kenneth G. Willis).
8. *New Directions in Spatial Econometrics*, Berlin: Springer Verlag, 1995, 420 pp. (with Luc Anselin).
9. *Industriepolitiek, regionale clusters en de werking van markten: Nieuwe ideeën in Nederlands ruimtelijk onderzoek*,² Groningen: Geo Pers, 1994, 229 pp. (with Jouke van Dijk).
10. *Laissez faire in het hoger onderwijs? HOAK en HOOP in theoretisch perspectief*,³ Culemborg: LEMMA, 1988, 184 pp. (with R.J. Bijleveld).

Journal articles

1. Agriculture, Transportation and the Timing of Urbanization: Global Analysis at the Grid Cell Level. *Journal of Economic Growth* **19**(3), 2014, 339–68 (with Mesbah J. Motamed and William A. Masters).
2. Spatial Econometric STAR Models: Lagrange Multiplier Tests, Monte Carlo Simulations and an Empirical Application, *Regional Science and Urban Economics* **49**, 2014, 118–28 (with Valerien O. Pedde and Dayton M. Lambert).
3. How Does Population Density Influence Agricultural Intensification and Productivity? The Case of Ethiopia, *Food Policy* **48**, 2014, 142–52 (with Anna L. Josephson and Jacob Ricker-Gilbert).
4. Partial Adjustment Analysis of Income and Jobs, and Growth Regimes in the Appalachian Region with Smooth Transition Spatial Process Models, *International Regional Science Review* **37**(3), 2014, 328–64 (with Dayton M. Lambert and Wan Xu).

5. Climate Change and Agricultural Productivity in Sub-Saharan Africa: A Spatial Sample Selection Model, *European Review of Agricultural Economics* **41**(2), 2014, 199–226 (with Patrick S. Ward and Alfonso Flores-Lagunes).
6. Living and Working in Ethnic Enclaves: Language Proficiency of Immigrants in U.S. Metropolitan Areas, *Papers in Regional Science* **92**(2), 2013, 305–28 (with Julia Beckhusen, Thomas de Graaff, Jacques Poot and Brigitte Waldorf).
7. The Impacts of the Tax-Deferred Exchange Provision on Farm Real Estate Values, *Land Economics* **89**(3), 2013, 479–89 (with John G. Dillard, Todd H. Kuethe, Craig Dobbins and Michael Boehlje).
8. Attracting Global Talent and Then What? Overeducated Immigrants in the US, *Journal of Regional Science* **53**(5), 2013, 834–54 (with Julia Beckhusen, Jacques Poot and Brigitte S. Waldorf).
9. The Birth, Death and Persistence of Firms: Creative Destruction and the Spatial Distribution of U.S. Manufacturing Establishments, 2000–2006, *Economic Geography* **89**(3), 2013, 203–26 (with Jason P. Brown and Dayton M. Lambert).
10. Obesity and Fast Food in Urban Markets: A New Approach Using Geo-referenced Micro Data, *Health Economics* **22**(7), 2013, 835–56 (with Susan E. Chen and Samantha D. Snyder).
11. Regional Clusters of Innovative Activity in Europe: Are Social Capital and Geographical Proximity Key Determinants?, *Applied Economics* **45**(17), 2013, 2325–35 (with Laura de Dominicis and Henri L.F. de Groot).
12. Sectoral Heterogeneity, Accessibility and Population–Employment Dynamics in Dutch Cities, *Journal of Transport Geography* **25**, 2012, 115–27 (with Thomas de Graaff and Frank G. van Oort).
13. The Impact of Drainage Water Management Technology on Corn Yields, *Agronomy Journal* **104**(4), 2012, 1100–9 (with Benoît A. Delbecq, Jason P. Brown, Eileen J. Kladviko, Adela Nistor and Jess Lowenberg-DeBoer).
14. Living Arrangement and University Choice of Dutch Prospective Students, *Regional Studies* **46**(5), 2012, 651–67 (with Carla Sá and Piet Rietveld).
15. Regional Population–Employment Dynamics across Different Sectors of the Economy, *Journal of Regional Science* **52**(1), 2012, 60–84 (with Thomas de Graaff and Frank G. van Oort).
16. Primary Determinants and the Spatial Distribution of Corruption, *The Empirical Economics Letters* **10**(11), 2011, 1123–30 (with David L. Ortega and Benoît A. Delbecq).
17. Determinants of Variation in Population–Employment Interaction Findings: A Quasi-Experimental Meta-Analysis, *Geographical Analysis* **43**(1), 2011, 14–37 (with Gerke J. Hoogstra and Jouke van Dijk).
18. A Two-Step Estimator for a Spatial Lag Model of Counts: Theory, Small Sample Performance and an Application, *Regional Science and Urban Economics* **40**(4), 2010, 241–52 (with Dayton M. Lambert and Jason P. Brown).
19. A Spatial Analysis of the Effect of Entry by Supercenter and Warehouse Club Retailers on Grocery Sales, *Journal of Food Distribution Research* **41**(2), 2010, 46–57 (with Bobby J. Martens and Frank J. Dooley).
20. Zoning for Health: The Obesity Epidemic and Opportunities for Local Policy Intervention, *The Journal of Nutrition* **140**(6), 2010, 1181S–4S (with Susan E. Chen; reprinted in American Society for Nutrition, *Best of Clinical Nutrition 2011*, Bethesda: American Society for Nutrition, 2011).
21. Does where you Live Make you fat? Obesity and Access to Chain Grocers, *Economic Geography* **86**(4), 2010, 431–52 (with Susan E. Chen, Samantha D. Snyder and Christopher Miller).
22. The Role of Human Capital in Language Acquisition among Immigrants in U.S. Metropolitan Areas, *Regional Science Policy and Practice* **2**(1), 2010, 39–50 (with Brigitte S. Waldorf, Julia Beckhusen and Thomas de Graaff).
23. Consequences of Effect Size Heterogeneity for Meta-Analysis: A Monte Carlo Study, *Statistical Methods and Applications* **19**(2), 2010, 217–36 (with Mark J. Koetse and Henri L.F. de Groot).
24. Contracting in Highway Maintenance and Rehabilitation: Are Spatial Effects Important?, *Transportation Research A* **44**(3), 2010, 136–46 (with Panagiotis Ch. Anastasopoulos, Samuel Labi and Matthew G. Karlaftis)

25. Flooding Risk and Housing Values: An Economic Assessment of Environmental Hazard, *Ecological Economics* **69**(2), 2009, 355–65 (with Vanessa E. Daniel and Piet Rietveld).
26. Floods and Residential Property Values: A Hedonic Price Analysis for the Netherlands, *Built Environment* **35**(4), 2009, 563–76 (with Vanessa E. Daniel and Piet Rietveld).
27. Determinants of Investment Flows in U.S. Manufacturing, *The Review of Regional Studies* **39**(3), 2009, 267–84 (with Jason P. Brown and Kevin T. McNamara).
28. A Meta-Analysis of the Investment-Uncertainty Relationship, *Southern Economic Journal* **76**(1), 2009, 283–306 (with Mark Koetse and Henri L.F. de Groot).
29. Meta-Analysis of the Relationship between Income Inequality and Economic Growth, *Scottish Journal of Political Economy* **55**(5), 2008, 654–82 (with Laura de Dominicis and Henri L.F. de Groot).
30. Spatial Sorting of Immigrants across Urban and Rural Areas in the United States: Changing Patterns of Human Capital Accumulation since the 1990s, *American Journal of Agricultural Economics* **90**(5), 2008, 1312–18 (with Brigitte S. Waldorf and Julia Beckhusen).
31. Technological Leadership, Human Capital and Economic Growth: A Spatial Econometric Analysis for U.S. Counties, 1969–2003, *Annals of Economics and Statistics* **87–88**, 2008, 103–24 (with Valerien O. Pede and Henri L.F. de Groot).
32. Spatial Analysis of Yield Monitor Data: Case Studies of On-farm Trials and Farm Management Decision-making, *Precision Agriculture* **9**(5), 2008, 269–83 (with Terry W. Griffin, Tony Vyn, Craig L. Dobbins and Jess Lowenberg-DeBoer).
33. Capital-Energy Substitution and Shifts in Factor Demand: A Meta-Analysis, *Energy Economics* **30**(5), 2008, 2236–51 (with Mark J. Koetse and Henri L.F. de Groot).
34. De ruimtelijke verdeling van economische activiteit: Agglomeratie- en locatiepatronen in Nederland,⁴ *Kwartaalschrift Economie* **5**(1), 2008, 71–99 (with Laura de Dominicis and Henri L.F. de Groot).
35. Optimal Environmental Policy Differentials in Open Economies under Emission Constraints, *Journal of Economics* **91**(2), 2007, 129–49 (with Cees A. Withagen and Abay Mulatu).
36. Does Accessibility to Higher Education Matter? Choice Behavior of High School Graduates in the Netherlands, *Spatial Economic Analysis* **1**(2), 2006, 155–74 (with Carla Sá and Piet Rietveld).
37. The Empirics of Wetland Valuation: A Comprehensive Summary and a Meta-Analysis of the Literature, *Environmental and Resource Economics* **33**(2), 2006, 223–50 (with Luke Brander and Jan Vermaat).
38. A Meta-Analysis of the Willingness to Pay for Reductions in Pesticide Risk Exposure, *European Review of Agricultural Economics* **32**(4), 2005, 441–67 (with Chiara Travisi and Peter Nijkamp).
39. A Spatial Economic Perspective on Language Acquisition: Segregation, Networking and Assimilation of Immigrants, *Environment and Planning A* **37**(10), 2005, 1877–97 (with Thomas de Graaff and Brigitte S. Waldorf).
40. A Meta-Analysis of β -Convergence: The Legendary 2%, *Journal of Economic Surveys* **19**(3), 2005, 389–420 (with Maria Abreu and Henri L.F. de Groot; reprinted in C. Roberts and T.D. Stanley (eds.), *Meta-Regression Analysis: Issues of Publication Bias in Economics*, Oxford: Blackwell Publishing, 2005, 95–126).
41. Meta-analyse als hulpmiddel bij beleidsinstrumentatie,⁵ *Economisch Statistische Berichten* **90**(4461), 2005, D8–10 (with Henri L.F. de Groot).
42. Space and Growth: A Survey of Empirical Evidence and Methods, *Région et Développement* **21**, 2005, 13–44 (with Maria Abreu and Henri L.F. de Groot).
43. Environmental Regulation and International Trade in Germany, the Netherlands and the US, 1977–1992, *Contributions to Economic Analysis & Policy* **3**(2), 2004, art. 5 (with Abay Mulatu and Cees A. Withagen; reprinted in D. Fullerton (ed.), *The Economics of Pollution Havens*, Cheltenham: Edward Elgar, 2006, 248–76).
44. Determinants of the Regional Demand for Higher Education in The Netherlands: A Gravity Model Approach, *Regional Studies* **38**(4), 2004, 373–90 (with Carla Sá and Piet Rietveld).

45. De modellering van energiebesparing in toegepaste beleidsmodellen voor Nederland,⁶ *Kwartalschrift Economie* **1**(2), 2004, 123–30 (with Henri L.F. de Groot).
46. Introducing the Brightest of Dawns: Regional Science in “Papers,” *Papers in Regional Science* **83**(1), 2004, 5–29 (with David A. Plane; reprinted in R.J.G.M. Florax and D.A. Plane (eds.), *Fifty Years of Regional Science*, Berlin: Springer Verlag, 2004, 5–29).
47. Spatial Econometric Data Analysis: Moving Beyond Traditional Models, *International Regional Science Review* **26**(3), 2003, 223–43 (with Arno van der Vlist).
48. Price and Income Elasticities of Residential Water Demand: A Meta-Analysis, *Land Economics* **79**(2), 2003, 292–308 (with Jasper M. Dalhuisen, Henri L.F. de Groot and Peter Nijkamp; reprinted in R.Q. Grafton (ed.), *Economics of Water Resources*, Volume II, Cheltenham: Edward Elgar, 2009, 278–94).
49. Specification Searches in Spatial Econometrics: The Relevance of Hendry’s Methodology, *Regional Science and Urban Economics* **33**(5), 2003, 557–79 (with Hendrik Folmer and Sergio Rey; comment and reply in **36**(2), 2006, 300–12).
50. The Value of Statistical Life in Road Safety: A Meta-Analysis, *Accident Analysis & Prevention* **35**(6), 2003, 973–86 (with Arianne de Blaeij, Piet Rietveld and Erik Verhoef).
51. Spatial Dimensions of Precision Agriculture: A Spatial Econometric Analysis of Millet Yield on Sahelian Coversands, *Agricultural Economics* **27**(3), 2002, 425–43 (with Roelf L. Voortman and Joost Brouwer).
52. Wonen en werken: wringen binnen contouren,⁷ *Economisch Statistische Berichten* **87**(4361), 2002, 384–7 (with Frank R. Bruinsma, Frank G. van Oort and Michiel Sorber).
53. Meta-Analysis: A Tool for Upgrading Inputs of Macroeconomic Policy Models, *cpb Report*, 2002/1, 21–5 (with Henri L.F. de Groot and Ruud A. de Mooij).
54. Analyseer de analyses,⁸ *Economisch Statistische Berichten* **87**(4345), 2002, 96–8 (with Henri L.F. de Groot and Ruud A. de Mooij).
55. A General Misspecification Test for Spatial Regression Models: Heteroskedasticity, Dependence, and Nonlinearity, *Journal of Regional Science* **41**(2), 2001, 255–76 (with Thomas de Graaff, Peter Nijkamp and Aura Reggiani).
56. Simple Diagnostic Tests for Spatial Dependence, *Regional Science and Urban Economics* **26**(1), 1996, 77–104 (with Luc Anselin, Anil K. Bera and Mann J. Yoon).
57. Specification and Estimation of Spatial Linear Regression Models: Monte Carlo Evaluation of Pre-Test Estimators, *Regional Science and Urban Economics* **22**(3), 1992, 405–32 (with Henk Folmer).
58. Knowledge Impacts of Universities on Industry: An Aggregate Simultaneous Investment Model, *Journal of Regional Science* **32**(4), 1992, 437–66 (with Henk Folmer).
59. Public Expenditure on Higher Education: A Comparative Study in the EC-Member States, 1975–1990, *Higher Education in Europe* **XVII**(1), 1992, 33–64 (with Frans Kaiser, Jos B.J. Koelman and Frans A. van Vught).
60. De invloed van kennisproductie aan universiteiten op het investeringsgedrag in de nijverheid,⁹ *Maandschrift Economie* **55**(6), 1991, 429–41 (with Henk Folmer).
61. Een strippenkaart voor het hoger onderwijs,¹⁰ *Economisch Statistische Berichten* **73**(3464), 1988, 658–62 (with Jos B.J. Koelman).
62. De universiteit: Speerpunt in de regionaal-economische ontwikkeling?,¹¹ *Economenblad* **9**(7), 1987.
63. De regionaal-economische betekenis van de universiteit,¹² *Geografisch Tijdschrift* **XXI**(4), 1987, 354–69.
64. Creatieve vernietiging in het hoger onderwijs,¹³ *Tijdschrift voor Hoger Onderwijs* **5**(3), 1987, 78–87 (with Frans A. van Vught).

Book chapters

1. Energy Efficiency and Technological Change, in: R.J.G.M. Florax, H.L.F. de Groot, P. Mulder (eds.),

- Improving Energy Efficiency through Technology: Trends, Investment Behaviour and Policy Design*, Cheltenham: Edward Elgar, 2011, 3–22 (with Henri L.F. de Groot and Peter Mulder).
2. A Spatial Perspective on Global Energy Productivity Trends, in: R.J.G.M. Florax, H.L.F. de Groot, P. Mulder (eds.), *Improving Energy Efficiency through Technology: Trends, Investment Behaviour and Policy Design*, Cheltenham: Edward Elgar, 2011, 23–66 (with Peter Mulder and Henri L.F. de Groot).
 3. A Meta-Regression Analysis of the Investment-Uncertainty Relationship, in: R.J.G.M. Florax, H.L.F. de Groot, P. Mulder (eds.), *Improving Energy Efficiency through Technology: Trends, Investment Behaviour and Policy Design*, Cheltenham: Edward Elgar, 2011, 176–204 (with Mark J. Koetse and Henri L.F. de Groot).
 4. Conclusions and Future Research, in: R.J.G.M. Florax, H.L.F. de Groot, P. Mulder (eds.), *Improving Energy Efficiency through Technology: Trends, Investment Behaviour and Policy Design*, Cheltenham: Edward Elgar, 2011, 311–20 (with Mark J. Koetse and Henri L.F. de Groot).
 5. Overstromingen en woningmarktprijzen: Een hedonische prijsanalyse voor Nederland,¹⁴ in: M.J. Koetse and P. Rietveld (eds.), *Economische waardering van omgevingskwaliteit: Casestudies en toepassingen in de MKBA*, The Hague: SDU, 2010, 121–38 (with Vanessa Daniel and Piet Rietveld).
 6. Persistent Distance Decay Effects in the Space-Economy, in: M.J. Jovanovic (ed.), *International Handbook of Economic Integration, Volume 2 Competition, Spatial Location of Economic Activity and Financial Issues*, Cheltenham: Edward Elgar, 2010, 324–47 (with Gert-Jan Linders, Henri L.F. de Groot and Peter Nijkamp).
 7. Sustainability and Agri-Environmental Policy in the European Union: A Meta-Analytic Investigation, in: T. de Noronha Vaz, P. Nijkamp, J.-L. Rastoin (eds.), *Traditional Food Production and Rural Sustainable Development: A European Challenge*, Farnham: Ashgate, 2009, 27–55 (with Katrin Oltmer, Peter Nijkamp and Floor Brouwer).
 8. Spatial Inequality and Economic Development in Africa: Neighborhood Effects in a Simultaneous Equation Framework, in: M. Gopinath and H. Kim (eds.), *Globalization and the Rural-Urban Divide*, Seoul: Seoul National University Press, 2009, 303–38 (with Guyslain Ngeleza and William Masters; reprinted as Spatial Inequality: Overcoming Neighborhood Effects in Africa, *Applied Econometrics and International Development* **11**(2), 2011).
 9. Impactos medioambientales de la política agroambiental en la Unión Europea: una investigación meta-analítica, in: À. Tarroja and R. Camagni (eds.), *Una nueva cultura del territorio: criterios sociales y ambientales en las políticas y el gobierno del territorio*, Barcelona: Diputació de Barcelona, 2006, 351–84 (with Katrin Oltmer, Peter Nijkamp and Floor Brouwer; also in English in T. de Noronha (ed.) *Traditional Food Production and Rural Sustainable Development: A European Challenge*, Aldershot: Ashgate, 2008).
 10. The Valuation of Wetlands: Primary Valuation versus Meta-Analysis Based Value Transfer, in: J.I. Carruthers and B. Mundy (eds.), *Environmental Valuation: Interregional and Intraregional Perspectives*, Aldershot: Ashgate, 2006, 231–52 (with Luke Brander).
 11. Misspecification in Linear Spatial Regression Models, in: K. Kempf-Leonard (ed.), *Encyclopedia of Social Measurement*, San Diego: Academic Press, 2005, 695–707 (with Peter Nijkamp).
 12. Econometrics for Spatial Models: Recent Advances, in: Luc Anselin, Raymond J.G.M. Florax and Sergio J. Rey (eds.), *Advances in Spatial Econometrics: Methodology, Tools and Applications*, Berlin: Springer Verlag, 2004, 1–25 (with Luc Anselin and Sergio J. Rey).
 13. The Performance of Diagnostics Tests for Spatial Dependence in Linear Regression Models: A Meta-Analysis of Simulation Studies, in: Luc Anselin, Raymond J.G.M. Florax and Sergio J. Rey (eds.), *Advances in Spatial Econometrics: Methodology, Tools and Applications*, Berlin: Springer Verlag, 2004, 29–65 (with Thomas de Graaff).
 14. Environmental Regulation and Competitiveness: An Exploratory Meta-analysis, in: C. Böhringer and A. Löschel (eds.), *Empirical Modeling of the Economy and the Environment*, Berlin: Physica Verlag, ZEW Economic Studies, Vol. 20, 2003, 23–54 (with Abay Mulatu and Cees Withagen).
 15. Meta-analysis and Value Transfer: Comparative Assessment of Scientific Knowledge, in: Raymond J.G.M. Florax, Peter Nijkamp and Kenneth G. Willis (eds.), *Comparative Environmental Economic*

- Assessment*, Cheltenham: Edward Elgar, 2002, 3–16 (with Peter Nijkamp and Kenneth G. Willis).
16. Meta-analysis and Benefit Transfer: Synergy, Lessons, and a Research Agendas, in: Raymond J.G.M. Florax, Peter Nijkamp and Kenneth G. Willis (eds.), *Comparative Environmental Economic Assessment*, Cheltenham: Edward Elgar, 2002, 337–53 (with Peter Nijkamp and Kenneth G. Willis).
 17. Methodological Pitfalls in Meta-Analysis: Publication Bias, in: Raymond J.G.M. Florax, Peter Nijkamp and Kenneth G. Willis (eds.), *Comparative Environmental Economic Assessment*, Cheltenham: Edward Elgar, 2002, 177–207.
 18. The Dutch Golden Age and the Rise of Capitalism in Central and Eastern Europe: A Neo-institutional Comparative Analysis, in: Manfred M. Fischer and Peter Nijkamp (eds.), *Spatial Dynamics of European Integration: Regional and Policy Issues at the Turn of the Century*, Berlin: Springer Verlag, 1999, 300–18 (with Piet de Vries).
 19. The Impacts of Misspecified Spatial Weight Structures in Linear Regression Models, in: Luc Anselin and Raymond J.G.M. Florax (eds.), *New Directions in Spatial Econometrics*, Berlin: Springer Verlag, 1995, 111–35 (with Serge Rey).
 20. Small Sample Properties of Tests for Spatial Dependence in Regression Models: Some Further Results, in: Luc Anselin and Raymond J.G.M. Florax (eds.), *New Directions in Spatial Econometrics*, Berlin: Springer Verlag, 1995, 21–74 (with Luc Anselin).
 21. Introduction, in: Luc Anselin and Raymond J.G.M. Florax (eds.), *New Directions in Spatial Econometrics*, Berlin: Springer Verlag, 1995, 3–18 (with Luc Anselin).
 22. The Spatial Incidence of Economic Impacts of Universities: Theory, Methodology and a Dutch case-study, in: Urban Dahllöf and Staffan Selander (eds.), *New Universities and Regional Context*, Uppsala: Uppsala University, Acta Universitatis Upsaliensis, Uppsala Studies in Education, no. 56, 1994, 75–97 (also published as: La Incidencia Espacial del Impacto Económico de las Universidades. Teoría, metodología y una aplicación a los Países Bajos, *Revista Asturiana de Economía* (RAE) 1(1), 1994, 141–62).
 23. De universiteit als motor van de regionale economie,¹⁵ in: W.J.M. Heijman and J.A.C. van Ophem (eds.), *De toekomst is verleden tijd: Essays over economie, milieu en landbouw*, Delft: Eburon, 1993, 241–7 (also in *Economenblad* 14(10), 1992).
 24. Economic Impacts of Public Knowledge Infrastructure, An Interregional Investment Approach, in: Frank Dietz, Willem Heijman and Daniel Shefer (eds.), *Location and Labour Considerations for Regional Development*, Aldershot: Avebury, 1990, 177–96 (with Henk Folmer).
 25. Efficiency Trends in Dutch Higher Education and Research, in: Peter A.M. Maassen and Frans A. van Vught (eds.), *Dutch Higher Education in Transition, Policy Issues in Higher Education in the Netherlands*, Culemborg: LEMMA, 1989, 171–95 (with Jos B.J. Koelman).
 26. Het HOOP te gelde gemaakt: Naar een marktconform vouchermodel,¹⁶ in: R.J. Bijleveld and R.J.G.M. Florax (eds.), *Laissez faire in het hoger onderwijs? HOAK en HOOP in theoretisch perspectief*, Culemborg: LEMMA, 1988, 83–120 (with Jos B.J. Koelman).
 27. Inleiding: HOAK en HOOP in theoretisch perspectief,¹⁷ in: R.J. Bijleveld and R.J.G.M. Florax (eds.), *Laissez faire in het hoger onderwijs? HOAK en HOOP in theoretisch perspectief*, Culemborg: LEMMA, 1988, 1–15 (with Riekele J. Bijleveld).
 28. Planmatige sturing of natuurlijke selectie?,¹⁸ in: R.J. Bijleveld and F.A. van Vught (eds.), *Sturing van het hoger onderwijs: De veranderende rol van de overheid*, The Hague: VUGA, 1987, 11–38 (with Frans A. van Vught).

English translation of Dutch titles (books, edited volumes, journal articles and book chapters)

- ¹ Energy saving policy in The Netherlands: The benefits and usefulness of applied policy modeling
- ² Industry policy, regional clusters and market performance: New ideas in Dutch spatial research
- ³ Laissez-faire in higher education? A theoretical perspective on the HOAK and HOOP white papers
- ⁴ The spatial distribution of economic activity: Agglomeration and location patterns in The Netherlands
- ⁵ Meta-analysis as a tool in policy design
- ⁶ Modeling energy savings in applied policy models for The Netherlands
- ⁷ Population and employment: Squeezing in zones

8	Analyze the analyses
9	The significance of university knowledge production for investments of the manufacturing industry
10	A voucher system to finance higher education
11	The university: Incentive to regional economic development?
12	The regional economic significance of the university
13	Creative destruction in the higher education system
14	Flooding and real estate prices: A hedonic pricing model for The Netherlands
15	The university as engine of the regional economy
16	The HOOP white paper: Towards a market driven voucher system
17	Introduction: A theoretical perspective on the HOAK and HOOP white papers
18	Planning and control or natural selection in higher education?

Proceedings (selection)

1. Agricultural Productivity and Anticipated Climate Change in Sub-Saharan Africa: A Spatial Sample Selection Model, Paper presented at the 2010 Annual Meeting of the Agricultural and Applied Economics Association, Denver, July 25–27, <http://ageconsearch.umn.edu/bitstream/61635/2/Ward%20et%20al%202010%20AAEA%20Paper.pdf>, 46 pp. (with Patrick Ward and Alfonso Flores-Lagunes).
2. Farmland Allocation along the Rural-Urban Gradient: The Impacts of Urbanization and Urban Sprawl, Paper presented at the 2010 Annual Meeting of the Agricultural and Applied Economics Association, Denver, July 25–27, http://ageconsearch.umn.edu/bitstream/61723/2/Delbecq_Florax_AAEA_FarmlandAllocation.pdf, 17 pp. (with Benoît Delbecq).
3. Employment Growth and Income Inequality: Accounting for Spatial and Sectoral Differences, Paper presented at the 2009 Annual Meeting of the Agricultural and Applied Economics Association, Milwaukee, July 26–26, <http://ageconsearch.umn.edu/bitstream/49460/2/612099.pdf>, 23 pp. (with Valerien O. Pede and Mark D. Partridge).
4. A Spatial Hedonic Model with Time-Varying Parameters: A New Method Using Flexible Least Squares, Paper presented at the 2008 Annual Meeting of the Agricultural and Applied Economics Association, Orlando, July 27–29, <http://ageconsearch.umn.edu/bitstream/6306/2/467673.pdf>, 22 pp. (with Todd H. Kuethe and Kenneth A. Foster).
5. Meta-Regression Estimates for CGE Models: A Case Study for the Input Substitution Elasticities in Production Agriculture, Paper presented at the 2007 Annual Meeting of the American Agricultural Economics Association, July 29–August 1, Portland, <http://ageconsearch.umn.edu/bitstream/9683/1/sp07bo05.pdf>, 25 pp. (with Kathryn A. Boyce)
6. Field-Scale Experimental Designs and Spatial Econometric Methods for Precision Farming: Strip-Trial Designs for Rice Production Decision Making, Paper presented at the 2006 Annual Meeting of the Southern Agricultural Economics Association, February 5–8, Orlando, <http://ageconsearch.umn.edu/bitstream/35367/1/sp06gr01.pdf>, 20 pp. (with Terry W. Griffin and Jess Lowenberg-DeBoer)
7. Strategic Interaction and Spatial Multiplier Effects in Local Growth Control Policies: The California Housing Market, Paper presented at the 2005 Annual Meeting of the American Agricultural Economics Association, July 24–27, Providence, <http://ageconsearch.umn.edu/bitstream/19574/1/sp05wa10.pdf>, 35 pp. (with Pillsung Byun and Brigitte Waldorf).
8. The Effect of Entry by Supercenter and Warehouse Club Retailers on Grocery Sales and Small Supermarkets: A Spatial Analysis, Paper presented at the 2005 Annual Meeting of the American Agricultural Economics Association, July 24–27, Providence, <http://ageconsearch.umn.edu/bitstream/19176/1/sp05ma08.pdf>, 34 pp. (with Bobby J. Martens and Frank Dooley).

9. Segregation, Networking and Assimilation of Immigrants: An Economic Perspective on Culture and Language, in: Engin Eyüboğlu and Özhan Ertekin (eds.), *Conference proceedings of the National Regional Science/Regional Planning Conference of the Turkish Regional Science Association*, Istanbul, Turkey: Istanbul Technical University, 2002, 173–92 (with Thomas de Graaff and Brigitte S. Waldorf).
10. Impacts of Agricultural Policy Reform on Land Prices: A Quantitative Analysis of the Literature, Paper presented at the 2001 Annual Meeting of the American Agricultural Economics Association, August 5–8, Chicago, <http://ageconsearch.umn.edu/handle/20507>, 28 pp. (with K. Oltmer)
11. Simple Diagnostic Tests for Spatial Dependence, in: C.R. McKenzie, *Proceedings of the Osaka Econometrics Conference*, 30-31 August 1995, Osaka: Osaka University, Faculty of Economics, 1995, 287–309 (with Luc Anselin, Anil K. Bera and Mann J. Yoon).
12. An Interregional Supply Model for Agricultural Products in the European Community; A Conditional Forecast of the Set-Aside Instrument, VIIth EAAE Congress, Stresa (Italy), 6-10 September 1993, *Papers and Proceedings, Contributed Papers, vol. D: Aspects of the Common Agricultural Policy*, 120–41 (with Roel Jongeneel).

Working papers and research reports

1. Agriculture, Transportation and the Timing of Urbanization: Global Analysis at the Grid Cell Level, Amsterdam: Tinbergen Institute, *Tinbergen Institute Discussion Paper 14-002/VIII*, 2014, 52 pp. (with Mesbah J. Motamed and William A. Masters).
2. Living and Working in Ethnic Enclaves: English Language Proficiency of Immigrants in U.S. Metropolitan Areas, London: Centre for Research and Analysis of Migration (CREAM), Dept. of Economics, University College London, *CREAM Discussion Paper No 03/12*, 2012, 22 pp. (with Julia Beckhusen, Thomas de Graaff, Jacques Poot and Brigitte Waldorf). Also published as working paper IZA DP 6363, Bonn: Institute of the Study of Labor (IZA).
3. Climate Change and Agricultural Productivity in Sub-Saharan Africa: A Spatial Sample Selection Model, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #11-4*, 2011, 36 pp. (with Patrick S. Ward and Alfonso Flores-Lagunes).
4. Regional Population–Employment Dynamics across Different Sectors of the Economy, Amsterdam: Tinbergen Institute, *Tinbergen Institute Discussion Paper TI 2011-129/3*, 2011, 30 pp. (with Thomas de Graaff and Frank G. van Oort).
5. Regional Clusters of Innovative Activity in Europe: Are Social Capital and Geographical Proximity the Key Determinants?, Amsterdam: Tinbergen Institute, *Tinbergen Institute Discussion Paper TI 2011-009/3*, 2011, 23 pp. (with Laura de Dominicis and Henri L.F. de Groot).
6. Technological Leadership and Sectoral Employment Growth: A Spatial Econometric Analysis for U.S. Counties, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #11-1*, 2011, 50 pp. (with Valerien O. Pedde and Henri L.F. de Groot).
7. Primary Determinants and the Spatial Distribution of Corruption, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #10-6*, 2010, 17 pp. (with David L. Ortega and Benoît A. Delbecq).
8. A Two-Step Estimator for a Spatial Lag Model of Counts: Theory, Small Sample Performance and an Application, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #10-5*, 2010, 26 pp. (with Dayton M. Lambert and Jason P. Brown).
9. Obesity in Urban Food Markets: Evidence from Georeferenced Micro Data, Ann Arbor: National Poverty Center, The University of Michigan, *Working Paper*, 2009, 25 pp. (with Susan E. Chen and Samantha D. Snyder).
10. Does where you Live Make you fat? Obesity and Access to Chain Grocers, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #09-11*, 2009, 27 pp. (with Susan E. Chen and Samantha D. Snyder).
11. Determinants of Investment Flows in U.S. Manufacturing, West Lafayette: Dept. of Agricultural

- Economics, Purdue University, *Working Paper #09-10*, 2009, 27 pp. (with Jason P. Brown and Kevin T. McNamara).
12. The Role of Human Capital in Language Acquisition among Immigrants in U.S. Metropolitan Areas, West Lafayette, Dept. of Agricultural Economics, Purdue University, *Working Paper #09-04*, 2009, 12 pp. (with Brigitte S. Waldorf, Julia Beckhusen and Thomas de Graaff).
 13. A Spatial Econometric STAR Model with an Application to U.S. County Economic Growth, 1969–2003, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #09-03*, 2009, 23 pp. (with Valerien O. Pede and Matthew T. Holt).
 14. Bandwidth Selection for Spatial HAC and other Robust Covariance Estimators, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #08-10*, 2008, 24 pp. (with Dayton M. Lambert and Seong-Hoon Cho).
 15. Evolution of Investment Flows in U.S. Manufacturing: A Spatial Panel Approach, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #08-06*, 2008, 30 pp. (with Jason P. Brown and Kevin T. McNamara).
 16. Spatiotemporal Modeling of Agricultural Yield Monitor Data, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #08-01*, 2008, 29 pp. (with Adela Nistor, Jess Lowenberg-DeBoer and Jason P. Brown).
 17. Flooding Risk and Housing Values: An Economic Assessment of Environmental Hazard, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #07-02*, 2007, 25 pp. (with Vanessa E. Daniel and Piet Rietveld).
 18. Geographical and Institutional Determinants of Real Income: A Spatio-Temporal Simultaneous Equation Approach, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Working Paper #06-15*, 2006, 34 pp. (with Guyslain Ngeleza and William A. Masters).
 19. Technological Leadership, Human Capital and Economic Growth: A Spatial Econometric Analysis for US Counties, 1969–2003, West Lafayette: Dept. of Agricultural Economics, Purdue University, *Staff Paper #06-09*, 2006, 18 pp. (with Valerien Pede and Henri de Groot).
 20. Growth and Inequality: A Meta-Analysis, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2006-064/3*, 2006, 30 pp. (with Laura de Dominicis and Henri de Groot).
 21. Capital-Energy Substitution and Shifts in Factor Demand: A Meta-Analysis, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2006-061/3*, 2006, 22 pp. (with Mark Koetse and Henri de Groot).
 22. The Impact of Uncertainty on Investment: A Meta-Analysis, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2006-060/3*, 2006, 27 pp. (with Mark Koetse and Henri de Groot).
 23. Correcting for Primary Study Misspecification in Meta-Analysis, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2005-029/3*, 2005, 21 pp. (with Mark Koetse and Henri de Groot).
 24. A Meta-Analysis of Beta-Convergence: The Legendary Two-Percent, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2005-001/3*, 2005, 43 pp. (with Maria Abreu and Henri de Groot).
 25. Space and Growth: A Survey of Empirical Evidence and Methods, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2004-129/3*, 2004, 31 pp. (with Maria Abreu and Henri de Groot).
 26. Spatial Patterns of Technology Diffusion: An Empirical Analysis Using TFP, Amsterdam: Tinbergen Institute, *Discussion Paper TI 04-079/3*, 2004, 31 pp. (with Maria Abreu and Henri de Groot).
 27. Does Accessibility to Higher Education Matter? Choice Behavior of High School Graduates in the Netherlands, Amsterdam: Tinbergen Institute, *Discussion Paper TI 04-061/3*, 2004, 29 pp. (with Carla Sá and Piet Rietveld).
 28. A Meta-Analysis of the Willingness to Pay for Reductions in Pesticide Risk Exposure, Milano, Fondazione Eni Enrico Mattei (FEEM), *Research paper 101.2004*, 2004, 29 pp. (with Chiara Travisi and Peter Nijkamp).
 29. Environmental Regulation and International Trade: Empirical Results for the Manufacturing Industry in Germany, the Netherlands and the US, 1972–1992, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2004-020/3*, 2004, 33 pp. (with Abay Mulata and Cees Withagen).

30. The Empirics of Wetland Valuation: A Comprehensive Summary and a Meta-Analysis of the Literature, Amsterdam: Institute for Environmental Studies, Report number W-03/30, 2003, 33 pp. (with Luke Brander and Jan Vermaat).
31. Optimal Environmental Policy Differentials under Emissions Constraints, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2003-080/3*, 2003, 27 pp. (with Abay Mulata and Cees Withagen).
32. Misspecification in Linear Spatial Regression Models, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2003-081/3*, 2003, 28 pp. (with Peter Nijkamp).
33. Determinants of the Regional Demand for Higher Education: A Gravity Model Approach, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2003-013*, 2003, 36 pp. (with Carla Sá and Piet Rietveld).
34. Spatial Dimensions of Precision Agriculture: A Spatial Econometric Analysis of Millet Yield on Sahelian Coversands, Amsterdam: Centre for World Food Studies, *Staff Working Paper WP-02-07*, 2002, 42 pp. (with Roel L. Voortman and Joost Brouwer).
35. Wonen en werken binnen contouren, Amsterdam: Faculty of Economics and Business Administration, Vrije Universiteit, *Research Memorandum 15*, 2002, 12 pp. (with F.R. Bruinsma, F.G. van Oort and M. Sorber).
36. Accounting for Dependence Among Study Results in Meta-Analysis: Methodology and Applications to the Valuation and Use of Natural Resources, Amsterdam: Faculty of Economics and Business Administration, Vrije Universiteit, *Research Memorandum 5*, 2002, 31 pp.
37. Meta-Analysis: A Tool for Upgrading Inputs of Macroeconomic Policy Models, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2002-041/3*, 2002, 19 pp. (with Henri L.F. de Groot and Ruud A. de Mooij).
38. The Empirical Economic Growth Literature: Robustness, Significance and Size, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2002-040/3*, 2002, 30 pp. (with Henri L.F. de Groot and Reinout Heijungs).
39. MetaGrowth 1.0: A Computer Program for Robustness Analysis, Amsterdam: Faculty of Economics and Business Administration, Vrije Universiteit, *Research Memorandum 31*, 2001, 15 pp. (software available at www.feweb.vu.nl/re/master-point; with Reinout Heijungs and Henri L.F. de Groot).
40. Volgt wonen werken of werken wonen, Een onderzoek naar woon-werk relaties in Zuid-Holland, met een eerste aanzet voor een analyse van Nederlandse gemeenten, Amsterdam: Vrije Universiteit, Afdeling Ruimtelijke Economie, Rapport voor de RijksPlanologische Dienst (RPD), 2001, 121 pp. (with M. Sorber and F. Bruinsma).
41. Methodological Pitfalls in Meta-Analysis: Publication Bias, Amsterdam: Faculty of Economics and Business Administration, Vrije Universiteit, *Research Memorandum 28*, 2001, 29 pp.
42. Environmental Regulation and Competitiveness, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2001-039/3*, 2001, 36 pp. (with Abay Mulatu and Cees A.A.M. Withagen).
43. Price and Income Elasticities of Residential Water Demand, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2001-057/3*, 2001, 42 pp. (with Jasper M. Dalhuisen, Henri L.F. de Groot and Peter Nijkamp).
44. The Value of Statistical Life in Road Safety, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2000-089/3*, 2000, 34 pp. (with Arianne de Blaeij, Piet Rietveld and Erik Verhoef).
45. A Meta-Analysis of Environmental Impacts of Agri-Environmental Policies in the European Union, Amsterdam: Tinbergen Institute, *Discussion Paper TI 2000-083/3*, 2000, 24 pp. (with Katrin Oltmer, Peter Nijkamp and Floor Brouwer).
46. *The Economic Valuation of Water: A Qualitative Evaluation of the Literature*, Amsterdam: MASTER-point, Vrije Universiteit, 1999, 30 pp. (with J.C.J.M. van den Bergh and G. Vindigni).
47. The Relevance of Hendry's Econometric Methodology: Experimental Simulation Results for Linear Spatial Process Models, Amsterdam: Tinbergen Institute, *Discussion Paper TI 98-125/4*, 1998, 26 pp. (with Hendrik Folmer and Sergio Rey).
48. Diagnostic Tools for Nonlinearity in Spatial Models, Amsterdam: Tinbergen Institute, *Discussion Paper TI 98-072/3*, 1998, 22 pp. (with Thomas de Graaff, Peter Nijkamp and Aura Reggiani).

49. Simple Diagnostic Tests for Spatial Dependence, Morgantown, WV: Regional Research Institute, *Research Paper no. 9503*, 1995, 22 pp. (with Luc Anselin, Anil K. Bera and Mann J. Yoon).
50. On Maximum Likelihood Estimators of Parameters of Spatio-Temporal Econometric Models, Debrecen: Kossuth University, *Technical Report no. 109*, 1994, 27 pp. (with I. Fazekas and H. Folmer).
51. Small Sample Properties of Tests for Spatial Dependence in Regression Models: Some Further Results, Morgantown, WV: Regional Research Institute, *Research Paper no. 9414*, 1994, 54 pp. (with Luc Anselin).
52. Specification and Estimation of Spatial Linear Regression Models: Monte Carlo Evaluation of Pre-Test Estimators, Wageningen: Wageningen Agricultural University, *Wageningen Economic Papers no. 4*, 1991, 30 pp. (with H. Folmer).
53. *De interregionale input-output-tabel voor Overijssel en Overig Nederland 1986*, Enschede: Universiteit Twente, Faculteit Bestuurskunde, Centrum voor Bestuurskundig Onderzoek en Onderwijs, 1990, 59 pp. (with A. van der Veen, P. Boomsma, B. Grimberg, A. Idenburg, J. Oosterhaven, A. Steenge, D. Stelder, D. van der Vuurst and E. Wessels).
54. *Expenditure on Higher Education: A Comparative Study on the Member States of the European Community, 1975-1988*, Enschede: Centre for Higher Education Policy Studies, 1990, 124 pp. (with Jan W.M. Hopstaken, Frans Kaiser and Jos B.J. Koelman).
55. Knowledge Impacts of Universities on Investment Behavior of Industry, Wageningen: Wageningen Agricultural University, *Wageningen Economic Papers no. 3*, 1990, 30 pp. (with H. Folmer).
56. Regional Economic Effects of Universities: The Impact of Knowledge Production on Private Investments, Enschede: Centre for Higher Education Policy Studies, *Higher Education Policy Studies no. 66*, 1989, 40 pp. (with H. Folmer).
57. The Regional Economic Role of Universities: The Dark Side of the University, Enschede: Centre for Higher Education Policy Studies, *Higher Education Policy Studies no. 30*, 1987, 28 pp.

Other publications (including teaching materials)

1. Contributions to Spatial Econometrics, *International Regional Science Review* **37**(3), 2014, 247–50 (with Yong Bao and Julie Le Gallo).
2. Spatial Analysis of Precision Agriculture Data: Role of Extension, *Journal of the National Association of County Agricultural Agents (NACAA)* **3**(1), 2010 (with T.W. Griffin, C.L. Dobbins, J.M. Lowenberg-DeBoer and T.J. Vyn).
3. Spatial Econometrics: Methods, Tools and Applications: Workbook, West Lafayette: Dept. of Agricultural Economics, Purdue University, 2010 (with B.A. Delbecq).
4. Making the Most from Yield Monitor Data from On-Farm Trials Using Spatial Analysis, *Purdue Agricultural Economics Report*, November 2007, 5–8 (with T. Griffin, T. Vyn, C. Dobbins and J. Lowenberg-DeBoer).
5. Farmers and Consultants Receive Training in Spatial Analysis of Yield Monitor Data, *Newsletter Site-Specific Management Center (SSCM)*, Purdue University, April 2007 (with A. Nistor).
6. Yield Monitors and Remote Sensing Data: Sample Statistics or Population, *Newsletter Site-Specific Management Center (SSCM)*, Purdue University, December 2005 (with T.W. Griffin and J. Lowenberg-DeBoer).
7. Pivotal Characteristics and Measurement of Multifunctional Land Use, in: P. Nijkamp, C. Rodenburg and R. Vreeker (eds.), *The Economics of Multifunctional Land Use: Experiences and Policy Lessons*, Maastricht: Shaker Publishing, 2003, 125–33 (with R. Vreeker and C. Rodenburg).
8. Op zoek naar de ‘bottom line’, in: N. Mol, N. Groenendijk, and P. de Vries (eds.), *Promoti boek voor Boorsma*, Enschede: Universiteit Twente, 2003, 251–62.
9. Ruimtelijke econometrie en ruimtelijke ordening, *Avenir, Economisch Bulletin* **9**(3), 2002, 20–2 (with F. Bruinsma).

10. Editorial, *Papers in Regional Science* **85**(4), 2006, 479–81; also **77**(1), 1998, iii–iv; **77**(4), 1998, iii–iv; **78**(1), 1999, 1; and **83**(4), 2004, iii–iv.
11. Down the Drain, *Wagenings Economen Blad (WEB)* **30**(3), 1993.
12. Veel loze kreten in rapport landbouwonderwijs, *Agrarisch Dagblad*, February 26, 1993 (with Frans Helmond).
13. *Syllabus micro-economie voor eerstejaars bestuurskunde- en bedrijfskundestudenten*, Enschede: Universiteit Twente, no. BSK E9 K095, November 1989 (second revised edition; with R. Künneke).
14. *Syllabus micro-economie voor eerstejaars bestuurskunde- en bedrijfskundestudenten*, Enschede: Universiteit Twente, no. BSK E8 K136, November 1988 (with R. Künneke).
15. 'Kennisgrafien' als mogelijk analyse-instrument voor hoger onderwijsbeleidsonderzoek: een verkenning, Enschede: Centrum voor Studies van het Hoger Onderwijsbeleid (CSHOB), 1988, 8 pp. (with C. Hoede and F. van Vught).
16. *Syllabus financieel management*, Enschede: Centrum voor Studies van het Hoger Onderwijsbeleid (CSHOB), 1987, 76 pp. (edited with A.D. de Leur).
17. Universiteit moet kans krijgen meer marktgericht te werken, *De Volkskrant*, February 7, 1987 (with F.A. van Vught).
18. Eerste OMO-studiedag: Economen in gesprek, *Omologie* **13**(8), 1982, 196–8 (with F. Claassens).

Citations and rankings (as of January 2015)

ISI Web of Knowledge (SSCI)	1219 citations (748 since 2010), average per item 28.35, <i>h</i> -index 15
Google Scholar	6832 citations, <i>h</i> -index 31 (3480 and 24 since 2010, respectively)
RePEc author ranking	top 5%

Lectures and colloquia as invited speaker

1. Acceptance speech European Investment Bank – European Prize in Regional Science 2014, *Marginalia on spatial econometrics and meta-analysis*, St. Petersburg, Russia, 2014.
2. Keynote at the VIIIth Annual World Conference of the Spatial Econometrics Association, ETH Zurich, *Model uncertainty in spatial econometrics: A few marginalia*, Zurich, Switzerland, 2014.
3. Keynote at the 13th International Workshop Spatial Econometrics and Statistics, Laboratoire d'Économie Appliquée au Développement (LÉAD), University of Toulon, *Heterogeneity and dependence in geo-referenced micro data: Random effects vs true contagion*, Toulon, France, 2014.
4. Keynote at the 6th Summer Conference in Regional Science, Gesellschaft für Regionalforschung, Technische Universität Dortmund, *Living apart together with immigrants: Causality and impact*, Dortmund, Germany, 2013.
5. Keynote at the 11th International Workshop Spatial Econometrics and Statistics, National Institute for Agricultural Research (INRA), *Smooth transitions and dependence in geographical space*, Avignon, France, 2012.
6. NIDEA Seminar at Waikato University, National Institute of Demographic and Economic Analysis (NIDEA), *Agriculture, transportation and the timing of urbanization: Global analysis at the grid cell level*, Hamilton, New Zealand, 2012.
7. Regional Research Institute (RRI), West Virginia University, *Obesity, fast food and grocery stores: Evidence from georeferenced micro data*, Morgantown, WV, USA, 2012.
8. University of Innsbruck, Faculty of Economics and Statistics, *Obesity in urban food markets: Evidence from georeferenced micro data*, Innsbruck, Austria, 2011.
9. Institute for Housing and Urban Development Studies (IHS), Erasmus University Rotterdam and Utrecht University (Department of Economics and Faculty of Geosciences), *Urban Development: Patterns, Causes, Foundations, and Policy, Sectoral differences in urban concentration with an application to a large spatial planning project in the Netherlands*, Rotterdam, The Netherlands, 2010.
10. China Agricultural University, 2010 CAER-IFPRI Annual International Conference on Agriculture

and the Wealth of Nations, Agricultural productivity and anticipated climate change: A spatial sample selection model, Beijing, China, 2010.

11. Keynote at the University of Łódź, Institute of Spatial Economy, Spatial Econometrics and Regional Economic Analysis, *Spatial heterogeneity or dependence: That's the question*, Łódź, Poland, 2010.
12. Tinbergen Institute, VU University Amsterdam and George Mason University, Workshop on modeling innovation, entrepreneurship and regional development, *Entrepreneurship and regional economic growth: A spatially varying parameter model*, Amsterdam, The Netherlands, 2010.
13. Oregon State University, Meta-analysis of Economics Workshop, Meta-Analysis of Economic Research Network (MAER), *Meta-analysis in economics: An introduction*, Corvallis, OR, USA, 2009 (joint with H.L.F. de Groot).
14. Michigan State University, Department of Agricultural, Food and Resource Economics, Seminar Series, *Obesity in urban food markets: Evidence from georeferenced micro data*, East Lansing, MI, USA, 2009 (also at VU University Amsterdam, The Netherlands, Eureka seminar).
15. Institute for Environmental Studies (IVM), VU University Amsterdam, Workshop on environmental valuation, *Spatial econometrics in environmental valuation: overview and a few issues*, Amsterdam, The Netherlands, 2009
16. Wageningen Agricultural University and Research Centre, Seminar Series Mansholt Graduate School of Social Sciences, *Obesity, fast food and grocery stores: Evidence from georeferenced micro data*, Wageningen, The Netherlands, 2008.
17. The Ohio State University, Seminar series Department of Agricultural, Environmental and Development Economics, *Assessment and valuation of spatial risk: Hedonic models of the risk of flooding and more*, Columbus, OH, USA, 2007.
18. Aarhus Colloquium of Meta-Analysis in Economics, *Meta-regression estimates for CGE models: Input substitution elasticities in production agriculture*, Sønderborg, Denmark, 2007.
19. French Association for the Development of Research in Economics and Statistics (ADRES), Conference on networks of innovation and spatial analysis of knowledge diffusion, *Modeling knowledge externalities and technological leadership in regional economic growth models*, Saint-Etienne, France, 2006.
20. Dutch Association for Operations Research, Dag voor Statistiek en Besliskunde, *Spatial statistics and econometrics: The interface between GIS/RS and spatial modeling*, Rotterdam, The Netherlands, 2006.
21. Indiana University, Seminar series Department of Geography, The geography of economic growth and technology diffusion: Insights from meta-analysis and spatial econometrics, Bloomington, USA, 2006.
22. Tinbergen Institute, Workshop on entrepreneurial activity and regional development, The effect of entry by supercenter and warehouse club retailers on grocery retailers and grocery expenditures, Amsterdam, The Netherlands, 2005.
23. VU University Amsterdam, ECODO-seminar, *The scope and limitations of meta-analysis in economics*, Amsterdam, The Netherlands, 2004.
24. Purdue University, Research seminar, *Modeling spatial effects in economics: spatial error, lag and ARCH models*, West Lafayette, USA, 2003.
25. European Science Foundation and Centre for Economic Policy Research, Workshop on topics in economic geography: A dialogue between economists and geographers, *Segregation, networking and assimilation of immigrants*, London, England, 2003.
26. NWO-NOVEM Conference, *Stimulating the adoption of energy efficient technology*, Utrecht, The Netherlands, 2003.
27. National conference of the Turkish Regional Science Association, *Language adoption of immigrants in spatial networks*, Istanbul, Turkey, 2002.
28. International expert meeting on the economics of multifunctional land use (Habiforum), *The economics of multifunctional land use: conceptualization and analysis*, Amsterdam, The Netherlands, 2002.

29. University of Toulouse, Spatial Econometrics Workshop, *Spatial effects and non-linearity in spatial regression models: simulation results for a general misspecification test*, Toulouse, France, 2002.
30. Seminar series CPB Netherlands Bureau for Economic Policy Analysis, *Meta-analysis: a tool for upgrading inputs of macroeconomic policy models*, The Hague, The Netherlands, 2002.
31. Workshop MASTER-point and CPB Netherlands Bureau for Economic Policy Analysis on meta-analysis and policy-oriented macro-economic research, *Meta-analysis: the need for tools, strategy and protocol*, Amsterdam, The Netherlands, 2002.
32. European Science Foundation, Conference on environmental policy in a global economy, *Pollution abatement cost and competitiveness of industries*, Acquafredda di Maratea, Italy, 2001.
33. Uddevalla Symposium 2001 on regional economies in transition, *Spatial mismatch in regional labor markets: an overview of the literature and an application to higher educated labor in Sweden, the UK, and the Netherlands*, Vänersborg, Sweden, 2001.
34. European Science Foundation (EURESCO), keynote lecture at the conference on the international dimension of environmental policy, *Environmental regulation and competitiveness: a meta-analysis of international trade studies*, Kerkrade, The Netherlands, 2000.
35. Seminar series of the Dept. of Economics, Econometrics and the Spanish Economy, Universidad Autonoma de Barcelona, *Beyond the "Anglo-Saxon bias:" the use of spatial data analysis in economics*, Barcelona, Spain, 2000.
36. Spatial Analysis Learning Workshop, International Association of Agricultural Economists Meetings, *Spatial econometrics: an introduction*, Berlin, Germany, 2000.
37. Ciutats Universitàries I Campus Urbans, Setmana d'Estudis Urbans, Conference on university cities and urban campuses, *A comparative analysis of the university's role in the economy*, Lleida, Catalonia, Spain, 2000.
38. Presentation on *Regional science: quo vadis?*, Panel discussion of the editors of major regional science journals, Vienna, Austria, 2000.
39. Seminar series of the Dept. of Mathematics, University of Arizona, *Spatial data analysis: the use of statistical and econometric techniques*, Tucson, AZ, USA, 2000.
40. Swedish Center for Business and Policy Studies (SNS), Roundtable *Forskning—bara för storstäder?—en debatt om kunskap, kreativitet och tillväxt i hela Sverige*, The regional dimension of higher education policy in Sweden, Stockholm, Sweden, 2000.
41. Seminar series of the Dept. of Geography and Regional Development, University of Arizona, *Research synthesis in economics and geography: meta-analysis and value transfer*, Tucson, AZ, USA, 2000.
42. Seminar series of the Faculty of Spatial Sciences, Research Institute Systems, Organisation and Management, University of Groningen, *Meta-analysis or research synthesis in economics and geography: tackling the staggering pile of empirical evidence*, Groningen, The Netherlands, 1999.
43. Seminar Tinbergen Institute on regional and environmental economics, *The role of spatial spill-overs in non-attainment of air quality standards*, Amsterdam, The Netherlands, 1999.
44. Second workshop on Environmental Policy, Competitiveness and Location Behaviour of Firms, *The spatial dimensions of competitiveness and environmental policy-making: the impact of spatial heterogeneity and dependence*, Maastricht, The Netherlands, 1999.
45. Seminar Dept. of Geography, San Diego State University, *New directions in spatial econometrics*, San Diego, CA, USA, 1999.
46. Quality of Life conference, BEQUEST, VU University Amsterdam, *Tools for sustainability and quality of life assessment*, Amsterdam, The Netherlands, 1999.
47. PRSCO Summer Institute at Chukyo University, *Self selection bias and other methodological pitfalls in environmental economic meta-analyses*, Nagoya, Japan, 1998.
48. Seminar Tinbergen Institute on spatial analysis and GIS, *Proper techniques for spatial modeling*, Amsterdam, The Netherlands, 1998.
49. Seminar Dept. of Economics, West Virginia University, *The spatial dynamics of firm formation and close down*, Morgantown, WV, USA, 1997.

50. Seminar Dept. of Infrastructure and Planning, Royal Institute of Technology (KTH), *Spatial econometrics: research trends and prospects*, Stockholm, Sweden, 1997.
51. Symposium Odense University on the expansion method in the context of models and methodologies with a focus on parametric variation, *Variable coefficient models: an application to spatial market entry-exit analysis*, Odense, Denmark, 1996.
52. Symposium of the Regional Research Institute, West Virginia University, *Scrutinizing the regional impacts of knowledge infrastructure*, Morgantown, WV, USA, 1996.
53. Instituut voor Publiek en Politiek, Wageningse conferentie voor Duurzame Ontwikkeling, deelname aan het mobiliteitspanel, Wageningen, The Netherlands, 1995.
54. Colloquium Vakgroep Toegepaste Filosofie Landbouwniversiteit, Co-referaat naar aanleiding van “De toekomst van de universiteit” van P. Baggen en I. Weijers, Wageningen, The Netherlands, 1995.
55. Symposium Commission on Mathematical Models of the International Geographical Union, *Diagnostic tests for spatial regression models*, Odense, Denmark, 1995.
56. Meeting of the Board of UniverCities, *Integrated university and city marketing*, Stuttgart Hohenheim, Germany, 1994.
57. Gezamenlijke bijeenkomst Universiteitsraad Landbouwniversiteit en Gemeenteraad Wageningen, *Wageningen universiteitsstad*, Wageningen, The Netherlands, 1994.
58. Presentatie rapport “Een inventarisatie van de bedrijvigheid in Kenniscentrum Wageningen,” Carlier & Van Ingen Consultancy, *De parels van de miss*, Wageningen, The Netherlands, 1993.
59. Conference of European rectores and mayors, Regional Impacts of Universities, *The volatility of regional impacts of universities*, Wageningen, The Netherlands, 1993.
60. Workshop Omega University Project, New Universities and Regional Context, *The spatial incidence of economic impacts of universities*, Sundsvall, Sweden, 1992.
61. Symposium Centre for Higher Education Policy Studies (CHEPS), *The university: a regional booster?*, Enschede, The Netherlands, 1992.
62. International Geographical Union, Commission on Mathematical Models, *The detection of spatial autocorrelation in linear regression models*, Boston, MA, USA, 1990.
63. Seminar Dept. of Economics, University of Central Florida, *Regional economic effects of universities: The impact of knowledge production on private investments*, Orlando, FL, USA, 1989.
64. Guest-lecture Dept. of Infrastructure and Planning, Royal Institute of Technology (KTH), *Explaining the impact of knowledge production on investments of the manufacturing industry*, Stockholm, Sweden, 1989.
65. Conference of the Dutch and Israeli section of the Regional Science Association International, *Economic impacts of public knowledge infrastructure: an interregional investment approach*, Herzliah, Israel, 1988.
66. Seminar Centre for Higher Education Policy Studies (CHEPS), *Laissez faire in het hoger onderwijs, Een marktconform vouchermodel voor het hoger onderwijs*, Utrecht, The Netherlands, 1988.
67. Themadag Universiteit Twente, Om-, her- en bijscholing, *De regionale functie van universiteiten*, Enschede, The Netherlands, 1987.

Research grants

1. AgSEED, College of Agriculture, Purdue University, Agricultural research and extension leading to economic development in Indiana agriculture and rural communities, 2015 (\$37,500, with Michael Delgado, Bo Beaulieu and Michael Wilcox, under consideration).
2. AgSEED, College of Agriculture, Purdue University, Evidence based agricultural management practices: Proof of concept for meta-analysis, 2015 (\$75,000, with Sylvie Brouder and Marianne Stowell Bracke, under consideration).
3. United States Department of Agriculture & National Institute of Food and Agriculture USDA-NIFA, Farmer access to regional meat processing capacity in the North Central Region, 2010 (\$9,997, with Peter Mitchell).

4. Regenstrief Center for Healthcare Engineering, Health Care Safety Net Project, 2010 (\$16,000).
5. European Union 7th Framework Programme, Spatial analysis of rural development: Providing a tool for better policy targeting, 2009 (€200,000, with Annette Piorr and others).
6. European Union, DG Regional Policy, System of regional models for impact assessment of EU cohesion policy, 2008 (€220,000, with Olga Ivanova and others).
7. National Poverty Center, University of Michigan and Economic Research Service, U.S. Department of Agriculture, Obesity, fast food and grocery stores, 2008 (\$10,000, with Susan Chen).
8. Purdue Research Foundation, Spatial sorting of low-skilled and high-skilled immigrants: Implications for regional economic growth and labor market outcomes for immigrants, 2008 (\$15,000, with Brigitte Waldorf).
9. Purdue Research Foundation, Spatial dynamics of demography, geography and economic growth: A hierarchical linear model approach, 2007 (\$15,000, with William Masters).
10. Purdue Research Foundation, Technological and institutional determinants of economic growth and agricultural productivity: New tests using meta-analysis and spatial econometrics, 2006 (\$15,000, with William Masters).
11. Purdue Center for Regional Development, Economic growth and income inequality in the Midwest: The urban-rural interface, 2005 (\$75,000).
12. Dutch national government, Investment Subsidy Knowledge Infrastructure (BSIK), Spatial risk assessment and valuation: An integrative approach, 2003 (\$680,000, with Piet Rietveld, Henk Scholten and Adri van den Brink).
13. Dutch national government, Investment Subsidy Knowledge Infrastructure (BSIK), Residential location, skilled labor, and urban development, 2003 (\$680,000, with Jan Rouwendal).
14. Royal Netherlands Academy of Sciences (KNAW), International workshop on meta-analysis in economics, 2002 (\$3,500).
15. Institute for Environmental Studies (IVM), Meta-analysis of natural resource values: the gateway to successful acquisition, 2002 (\$4,000, with others).
16. Faculty of Economics and Business Administration, Vrije Universiteit, The role of institutions in economic growth, 2002 (\$162,000, with Henri de Groot).
17. Faculty of Economics and Business Administration, Vrije Universiteit, The demand for higher education: an integrated spatial assessment of school type and discipline choice, 2001 (\$162,000, with Piet Rietveld).
18. National Planning Bureau (RPD), Population and employment dynamics in The Netherlands, 2001 (\$20,000, with Frank Bruinsma).
19. Ministry of Transport and Water Management, The economic valuation of water: meta-analysis and value transfer, 2000 (\$25,000, with Jeroen van den Bergh).
20. Swedish Center for Business and Policy Studies (SNS), The role of universities for national competitiveness and regional development: the case of Sweden in an international perspective, 1997-2000 (\$33,500).
21. Ministry of Transport and Water Management, The economic valuation of water: a qualitative analysis of the literature, 1999 (\$25,000, with Jeroen van den Bergh).
22. Fonds Landbouw Export Bureau 1916/1918, two grants for editorial work, 1994 (\$2,500).
23. Province of Overijssel and Dept. of Public Administration, Twente University, Interregional input-output table Overijssel, 1989 (\$20,000, with Albert Steenge).
24. Netherlands Organisation for the Advancement of Research (NWO) and University of Twente, travel grant, 1988 (\$1,500).

Selected paper presentations at (international) professional meetings

<p>Abbreviation for conferences of the Regional Science Association International (RSAI) organized by the North American Regional Science Council (NARSC), the European Regional Science Association (ERSA), the Western Regional Science Association (WRSA), the Pacific Regional Science Conference Organization (PRSCO), or the</p>
--

Dutch section (DS) of RSAI. EAERE refers to the European Association of Environmental and Resource Economists, AAEA to the American Agricultural Economics Association, and SEA to the Spatial Econometrics Association.

1. Washington DC, USA, 2013, NARSC, 'Agricultural suitability and urbanization: A global analysis from 1000 A.D. to 2000 A.D.' (with X. Li and B. Waldorf), 'A meta-analysis of the urban wage premium' (with A. Kim and M. Delgado).
2. St. Petersburg, Russia, 2014, ERSA, 'A Tiebout model of recent US migration patterns using spatially explicit generalized propensity scores', 'Agriculture, transportation and the timing of urbanization: Global analysis at the grid cell level' (with M. Motamed and W. Masters).
3. Minneapolis, USA, 2014, AAEA, 'The effectiveness of international aid: A generalized propensity score approach' (with Jing Liu), 'Where and why is fertilizer (un)profitable in Sub-Saharan Africa? A spatial econometric analysis of fertilizer use in Malawi' (with F. Darko, J. Ricker-Gilbert, G. Shively and T. Kilic).
4. Atlanta, USA, 2013, NARSC, 'The timing and distribution of world urbanization: The role of initial agricultural endowments' (with X. Li and B. Waldorf), 'A spatial analysis of the impact of school quality on recent migration patterns in the United States' (with A. Yadavalli and B. Waldorf), 'Location decisions of natural gas extraction establishments: A smooth transition count model approach' (with J. Brown and D. Lambert), 'Heterogeneity and dependence in geo-referenced micro data: Random effects vs true contagion' (with D. Arribas-Bel).
5. Orléans, France, 2013, 12th International Workshop on Spatial Econometrics and Statistics, 'Living apart together: The economic value of diversity' (with J. Bakens and P. Mulder).
6. London, UK, 2013, MAER-Net Colloquium, 2013, 'The effect of school quality on house prices in rural and urban areas: A meta-regression analysis' (with A. Yadavalli).
7. Palermo, Italy, 2013, ERSA, 'The economic value of ethnic diversity in cities' (with J. Bakens and P. Mulder).
8. Washington D.C., USA, 2013, SEA, 'Smooth coefficient variation in spatial econometric models: A performance comparison of spatial STAR and GWR' (with S.D. Yun and M. Delgado), 'Blessing or curse? A spatial econometric analysis of agriculture's effect on urbanization' (with X. Li and B. Waldorf).
9. Washington D.C., USA, 2013, AAEA, 'The effect of school quality on house prices and rural development: A meta-regression analysis' (with A. Yadavalli)
10. Ottawa, Canada, 2012, NARSC, 'Urban hierarchy, population, and markets: A smooth transition grid cell approach for the U.S.' (with E. Dobis and J. Cromartie), 'Changes in urban spatial structure over time: A meta-analysis of population density gradients' (with X. Li and B. Waldorf), 'Living apart together: The economic value of ethnic diversity in cities' (with J. Bakens and P. Mulder).
11. Seattle, USA, 2012, AAEA, 'How does population density affect agricultural productivity? Evidence from Ethiopia' (with A. Josephson, J. Ricker-Gilbert, J. Chamberlain and D. Heady), 'Borders and barriers: Spatial analysis of agricultural output spillovers at the grid cell level' (with M. Motamed and W. Masters).
12. Barcelona, Spain, 2011, ERSA, 'Urban heterogeneity and the spatial evolution of urban areas in the US' (with P. Mulder), 'Immigrants' job-education mismatch and the crowding out of American workers (with J. Beckhusen, J. Poot and B. Waldorf), 'Rent shifts in American rental housing markets, 2000–2009: Directional heterogeneity in distance decay patterns' (with X. Li and B. Waldorf).
13. Amsterdam, The Netherlands, 2011, Tinbergen Institute, 'Attracting global talent and then what? Overeducated immigrants in the US' (with B. Waldorf and J. Beckhusen).
14. Denver, USA, 2010, NARSC, 'Farmer access to regional meat processing capacity in the North Central Region of the US: A spatial probit approach' (with P. Mitchell), 'Farmland allocation along the rural-urban gradient: The impact of urban growth or sprawl' (with B. Delbecq), 'Understanding the effects of school competition and gentrification on school performance: An application of the

- spatial STAR model' (with S. Snyder and D. McMillen), 'Occupational mismatch of U.S. immigrants' (with J. Beckhusen and B. Waldorf).
15. Jönköping, Sweden, 2010, ERSA, 'Sectoral decomposition of aggregate convergence across European regions' (with F. Paraguas and H. de Groot), 'Living and working in ethnic enclaves: Language proficiency of immigrants in U.S. metropolitan areas' (with J. Beckhusen, B. Waldorf and T. de Graaff).
 16. Denver, USA, 2010, AAEA, 'The impact of urban growth and sprawl on peri-urban farm production' (with B. Delbecq), 'Agricultural productivity and anticipated climate change in SubSaharan Africa: A spatial sample selection model' (with P. Ward and A. Flores-Lagunes).
 17. Chicago, USA, 2010, SEA, 'Agricultural productivity and anticipated climate change in SubSaharan Africa: A spatial sample selection model' (with P. Ward and A. Flores-Lagunes), 'Understanding the effects of school competition and gentrification on school performance: An application of the spatial STAR model' (with S. Snyder and D. McMillen), 'Spatial econometric STAR models: Lagrange Multiplier tests and Monte Carlo simulations' (with V. Pede, D. Lambert and M. Holt), 'Selection bias in hedonic pricing models based on actual sales values' (with G. Cotteleer), 'Dominant firms and the competitive fringe: A spatial price analysis' (with G. Helmers and G. Vroom), 'Industry value chains and economic growth in the Appalachian region, 2000 to 2007: An exploration with smooth transition autoregressive models' (with D. Lambert and W. Xu), 'Farmland allocation along the rural-urban gradient: The impact of urban growth or sprawl' (with B. Delbecq).
 18. San Francisco, USA, 2009, NARSC, 'Regional and sectoral differences in population-employment dynamics in the Netherlands' (with T. de Graaff and F. van Oort), 'A two-step estimator for a spatial lag model of counts: Theory, small sample performance and an application' (with D.M. Lambert and J.P. Brown), 'The effects of HOPE VI and public housing on home prices in Chicago, Illinois: A spatial hedonic approach' (with S.D. Snyder and D.A. McMillen), 'Strategic interaction among Dutch municipalities: The case of industrial site provision' (with F. de Vor and H.L.F. de Groot), 'Spatial econometric STAR models: LM tests and Monte Carlo simulations' (with V.O. Pede, D.M. Lambert and M.T. Holt), 'Firm birth and death in U.S. manufacturing: A regional adjustment model' (with J.P. Brown and D.M. Lambert), 'Impacts of residential and occupational segregation on language acquisition of immigrants in US metropolitan areas' (with J. Beckhusen, T. de Graaff and B.S. Waldorf), 'The relevance of ownership for establishment survival of hotels: An analysis using spatial hazard models' (with C.G. Helmers, J.M. Connor and G. Vroom).
 19. Milwaukee, USA, 2009, AAEA, 'Geography and economic transition: Global spatial analysis at the grid cell level' (with M. Motamed and W. Masters), 'Entry, ownership form, and spatial location: An analysis of the hotel industry' (with C.G. Helmers, J.M. Connor and G. Vroom), 'Obesity in urban food markets: Evidence from geo-referenced micro data' (with S.E. Chen and S.D. Snyder), 'Firm birth and death in U.S. manufacturing: A regional adjustment model' (with J.P. Brown and D.M. Lambert), 'Employment growth and income inequality: Accounting for spatial and sectoral differences' (with V.O. Pede and M.D. Partridge).
 20. Barcelona, Spain, 2009, SEA, 'Spatial econometric STAR models' (with V. Pede, D. Lambert and M. Holt), 'The impact of drainage management technology in agriculture: A spatial panel data model' (with B.A. Delbecq, A. Nistor, J.P. Brown and J. Lowenberg-DeBoer).
 21. New York, USA, 2008, SEA, 'Spatiotemporal forecasting of housing prices' (with T. Kuethe and S.J. Koopman), 'Modeling non-linear spatial dynamics: A family of spatial STAR models and an application to US economic growth' (with V. Pede and M. Holt), 'Proximity to uninsured populations and hospital market concentration in the U.S.' (with S. Chen, K. Tamura and G. Avery), 'Productivity growth, technical and efficiency change in European regions: A spatial frontier analysis' (with F. Paraguas, H. de Groot and P. Mulder), 'Directional effects in spatial process models with an application to technology diffusion' (with B. Delbecq and W. Masters), 'Heterogeneous firm competition: A spatial analysis of Texas hotels' (with J. Connor, G. Helmers and G. Vroom).
 22. New York, USA, 2008, NARSC, 'Location vs. growth of investments in U.S. manufacturing' (with J. Brown and K. McNamara), 'Obesity, fast food, and grocery stores: Evidence from geo-referenced

- micro data' (with S. Chen and S. Snyder), 'Land and sea: Measuring geography's impact on population density over time' (with M. Motamed and W. Masters), 'Entry with respect to ownership type and spatial location: A spatial analysis of Texas hotels' (with J. Connor, G. Helmers and G. Vroom), 'Immigrant enclaves and language acquisition in U.S. metropolitan areas' (with B. Waldorf, T. de Graaff and J. Beckhusen), 'Cross-country economic growth: A spatial panel data approach' (with F. Paraguas, H. de Groot and P. Mulder).
23. Liverpool, UK, 2008, ERSA, 'Evolution of investment flows in U.S. manufacturing: a spatial panel approach' (with J. Brown and K. McNamara), 'Cross-country economic growth: a spatial panel data approach' (with F.J. Paraguas and H.L.F. de Groot).
 24. Orlando, USA, 2008, AAEA, 'Spatial sorting of immigrants across urban and rural areas in the united states: changing patterns of human capital accumulation since the 1990s' (with B.S. Waldorf and J. Beckhusen), 'A spatial hedonic model with time-varying parameters: a new method using flexible least squares' (with T. Kuethe and K. Foster), 'Modeling non-linear spatial dynamics: a family of spatial STAR models and an application to US economic growth' (with V. Pede and M. Holt), 'Heteroskedasticity-robust covariance estimation with spatial autocorrelation: Monte Carlo experiments and an application to hedonic pricing models' (with D. Lambert).
 25. Savannah, USA, 2007, NARSC, 'Spatial patterns of productivity growth and convergence' (with M. Abreu and H.L.F. de Groot), 'Heteroskedasticity-robust covariance estimation with spatial autocorrelation: new results and Monte Carlo experiments' (with D.M. Lambert), 'Cross-country economic growth: a spatial panel data approach' (with F.J. Paraguas and H.L.F. de Groot), 'Do very low probability – high loss risks make a difference in property values? The example of dike rings segmentation in the Netherlands' (with V.E. Daniel and P. Rietveld), 'The impact of state tax credits on job growth: a spatial panel analysis of Indiana's "Economic Development for a Growing Economy" credits' (with J.P. Brown), 'The impact of agricultural technology and land use on population density and economic growth' (with M.J. Motamed and W.A. Masters), 'Regional clusters of innovative activities in Europe: are social and geographical proximity the key determinants?' (with L. de Dominicis and H.L.F. de Groot), 'Does where we live matter? Understanding the link between obesity and the market for food' (with S.E. Chen and S. Snyder), 'The economic valuation of flood risk: long term divergence between ex-ante and ex-post hedonic prices of the Meuse River flooding in the Netherlands' (with V.E. Daniel and P. Rietveld).
 26. Paris, France, 2007, ERSA, 'The location of innovative activities in Europe: an empirical analysis of spatial, sectoral and temporal determinants' (with L. de Dominicis and H.L.F. de Groot), 'Investigating the announcement effects in flood risk management: using the designation of emergency inundation areas as a quasi-experiment' (with V. Daniel and P. Rietveld), 'Long term divergence between ex-ante and ex-post hedonic prices of the Meuse River flooding in The Netherlands' (with V. Daniel and P. Rietveld).
 27. Portland, USA, 2007, AAEA, 'Growth and technological leadership in U.S. industries: a spatial econometric analysis at the state level, 1963–2005' (with V.O. Pede and H.L.F. de Groot), 'Meta-regression estimates for CGE models: a case study for input substitution elasticities in production agriculture' (with K. Boys), 'Geographical and institutional determinants of economic growth: a spatio-temporal simultaneous equation approach' (poster with G.K. Ngeleza and W.A. Masters).
 28. Cambridge, UK, 2007, SEA, 'A spatio-temporal analysis of the relation between population and employment growth in the Netherlands' (with T. de Graaff and F. van Oort), 'The economic valuation of flood risk: long term divergence between ex-ante and ex-post hedonic prices of the Meuse River flooding in The Netherlands' (with V. Daniel and P. Rietveld), 'Heteroskedastic spatial process models: a Monte Carlo experiment' (with D.M. Lambert).
 29. Toronto, Canada, 2006, NARSC, 'The economic valuation of flood risk: long term divergence between ex-ante and ex-post hedonic prices of the 1993 Meuse river flooding in the Netherlands' (with V.E. Daniel and P. Rietveld), 'U.S. regional development policy in perspective: an international comparative assessment' (with J.P. Brown), 'Economic valuation of communication on flood risk management: designated emergency floodplains as a quasi-experiment' (with V.E. Daniel and P.

- Rietveld), 'Growth and technological leadership in U.S. industries: a spatial econometric analysis at the state level, 1963–2005' (with V.O. Pedde and H.L.F. de Groot), and 'Multiplicative heteroskedastic-spatial process models: Monte Carlo experiments and an empirical example' (with D.M. Lambert and K.T. McNamara).
30. Long Beach, USA, 2006, AAEA, 'Technological leadership, human capital and economic growth: a spatial econometric analysis for US counties, 1969–2003' (with V.O. Pedde and H.L.F. de Groot), also presented at the International Workshop on Spatial Econometrics and Statistics, Rome, Italy, and the Mid-Continental Regional Science Association 37th Annual Conference, Indianapolis, USA.
 31. Rome, Italy, 2006, International Workshop on Spatial Econometrics and Statistics, 'Geographical and institutional determinants of economic growth: a spatio-temporal simultaneous equation approach' (with G.K. Ngeleza and W.A. Masters).
 32. Minneapolis, USA, 2006, Eighth International Conference on Precision Agriculture and other Precision Resources Management, 'Improving farm management decision making: experiences from spatial analysis of yield monitor data from field-scale on-farm trials', and 'Use Of cross regression to model local spatial autocorrelation in precision agriculture' (with T.W. Griffin and J.M. Lowenberg-DeBoer).
 33. Delft, The Netherlands, 2006, Transport Research Stimulation (TRS) Programme, Seminar Betrouwbaarheid van Infrastructuren, 'Economic valuation of flood risk: a spatial hedonic property value model of the 1993 Meuse river flooding in The Netherlands' (with V.E. Daniel and P. Rietveld).
 34. Las Vegas, USA, 2005, NARSC, 'Do spatial spill-overs affect non-attainment of air quality standards' (with A. Golub), 'The price of living below sea level: a spatial hedonic pricing approach' (with V. Daniel and P. Rietveld).
 35. Amsterdam, The Netherlands, 2005, ERSA, 'A spatial economic perspective on energy productivity in different world regions' (with P. Mulder and H. de Groot), 'Do jobs follow people or do people follow jobs? A meta-analysis of Carlino-Mills studies (with G. Hoogstra and J. van Dijk), 'Growth and inequality: a meta-analysis' (with L. de Dominicis and H. de Groot), 'Leaving parental home and university decisions of Dutch young adults' (with C. Sá and P. Rietveld), 'River flooding and housing values: an economic assessment of environmental risk' (with V. Daniel and P. Rietveld), and 'Spatial regimes of tax effects on foreign direct investment' (with M. Abreu and H. de Groot).
 36. Providence, USA, 2005, AAEA, 'A meta-analysis of the willingness to pay for reductions in pesticide risk exposure' (with C. Travisi and P. Nijkamp), and 'Strategic interaction and spatial multiplier effects in local growth control policies: the California housing market' (with P. Byun and B. Waldorf).
 37. San Diego, USA, 2005, WRSA, 'Space and growth: a survey of empirical evidence and methods' (with M. Abreu and H. de Groot).
 38. Seattle, USA, 2004, NARSC, 'Modeling contagion and hierarchy in spatial econometric models of economic growth' (with J. Le Gallo and B.S. Waldorf), Spatial patterns of technology diffusion: an empirical analysis using TFP' (with M. Abreu and H. de Groot).
 39. Budapest, Hungary, 2004, EAERE, 'The empirics of wetland valuation: a comprehensive summary and meta-analysis of the literature' (with L. Brander and J. Vermaat), 'Optimal environmental policy differentials under emissions constraints' (with A. Mulatu and C. Withagen).
 40. Porto, Portugal, 2004, ERSA, 'Spatial patterns of technology diffusion: an empirical analysis using TFP' (with M. Abreu and H. de Groot).
 41. Philadelphia, USA, 2003, NARSC, 'Spatial ARCH processes: an LM-test, experimental simulation results and empirical illustrations' (with T. de Graaff and L. de Dominicis), 'Spatial spillover effects of local growth controls in California housing markets' (with P. Byun and B.S. Waldorf), 'A meta-analysis of the speed of convergence in growth regressions' (with M. Abreu and H.L.F. de Groot).
 42. Rotterdam, The Netherlands, 2003, Ruimtelijk Planbureau (RPB), 'Woon-werkpatronen in Nederland: Dynamiek tussen stad en platteland' (with F. Bruinsma and F. van Oort).
 43. Jyväskylä, Finland, 2003, ERSA, 'Systematic variation in the impact of distance on international

- trade patterns' (with G.-J. Linders and H.L.F. de Groot), 'The empirical economic growth literature: robustness, significance and size' (with H.L.F. de Groot and R. Heijungs), 'A meta-analysis of the speed of convergence in growth regressions' (with M. Abreu and H.L.F. de Groot), 'Does proximity of schools matter? Choice behavior of high school leavers concerning academic or professional training' (with C. Sá and P. Rietveld).
44. Acapulco, Mexico, 2003, PRSCO, 'Environmental regulation impairs competitiveness? A test of the empirical international trade literature' (with A. Mulatu and C. Withagen).
 45. Rio Rico, USA, 2003, WRSA, 'Determinants of the regional demand for higher education: a gravity model approach' (with C. Sá and P. Rietveld).
 46. London, UK, 2003, Royal Geographical Society and Institute of British Geographers, 'Weland valuation' (with L. Brander and J.E. Vermaat).
 47. Bilbao, Spain, 2003, EAERE, 'The empirics of wetland valuation: a comprehensive summary and meta-analysis of the literature' (with L. Brander and J. Vermaat), poster presentation.
 48. San Juan, Puerto Rico, 2002, NARSC, 'The performance of diagnostic tests for spatial dependence in linear regression models: a meta-analysis of simulation studies' (with T. de Graaff), 'Specification searches in spatial econometrics: relevance of Hendry's methodology' (with H. Folmer and S. Rey).
 49. Dortmund, Germany, 2002, ERSA, 'The performance of diagnostic tests for spatial dependence in linear regression models: a meta-analysis of simulation studies' (with T. de Graaff), 'Exploring the role of gender in location patterns of employment and population growth: an empirical model applied to postcode areas in the Netherlands' (with G.J. Hoogstra and J. van Dijk), 'Determinants of university choice: a gravity approach' (with C. Sá and P. Rietveld).
 50. Monterey, USA, 2002, World Conference of Environmental and Resource Economists (AERE, EAERE), 'Environmental regulation and competitiveness: a meta-analysis of international trade studies' (with A. Mulatu and C. Withagen).
 51. Monterey, USA, 2002, WRSA, 'The Legacy of Carlino-Mills: a literature review on adjustment models of regional employment and population growth' (with G. Hoogstra and J. van Dijk), 'Segregation, networking and assimilation of immigrants: an economic perspective on language and culture' (with T. de Graaff and B.S. Waldorf).
 52. Charleston, USA, 2001, NARSC, 'Analyzing the migration literature to assess theoretical, methodological, and empirical issues' (with S. Holland and D.A. Plane).
 53. Chicago, USA, 2001, 24th International Conference of Agricultural Economists, 'The effects of agricultural income on land prices: a quantitative assessment of the literature' (with Katrin Oltmer).
 54. Zagreb, Croatia, 2001, ERSA, 'Rates of return to labor market matching: a meta-analysis using a multinomial logit and a continuous regression approach' (with E. López-Bazo, J. López-Tamayo and B. Waldorf), 'Regional Labour Market Efficiency: A Stochastic Frontier Approach' (with Eric Pels and Cees Gorter).
 55. Woerden, The Netherlands, 2001, DS, 'Rates of return to labor market matching: a meta-analysis using a multinomial logit and a continuous regression approach' (with E. López-Bazo, J. López-Tamayo and B. Waldorf).
 56. Chicago, USA, 2000, NARSC, 'What explains spatial patterns of economic growth? A quasi-experimental meta-analytical approach' (with H. de Groot and R. Heijungs), 'Rates of return to labor market matching: a meta-analysis using a multinomial logit and a continuous regression approach' (with E. López-Bazo, J. López-Tamayo and B. Waldorf).
 57. Barcelona, Spain, 2000, ERSA, 'What explains spatial patterns of economic growth? A quasi-experimental meta-analytical approach' (with H. de Groot and R. Heijungs).
 58. Utrecht, The Netherlands, 2000, Nederlandse Organisatie voor Wetenschappelijk Onderzoek, Symposium Milieu en Economie, Vragen van politiek, beleid en wetenschap, 'Environmental regulation and competitiveness: a meta-analysis' (with A. Mulatu and C. Withagen).
 59. Lugano, Switzerland, 2000, RSAI, 'The sensitivity of tests for spatial dependence in econometric models to variations in data generating processes' (with S. Rey), 'The value of statistical life in road safety' (with A. de Blaeij, P. Rietveld, E. Verhoef).

60. Vienna, Austria, 2000, European Society for Ecological Economics, 'Meta-analysis as a decision support tool for water policy' (with J. v.d. Bergh, R. Brouwer and G. Vindigni), 'Explaining the variance in price and income elasticities of water demand' (with J. Dalhuisen, H. de Groot, and P. Nijkamp), 'The impacts of agri-environmental policies in the European Union: a comparative analysis of regulation 2078/92' (with K. Oltmer, F. Brouwer and P. Nijkamp).
61. Poipu, Hawaii, USA, 2000, WRSA, 'Research synthesis in economics: the staggering pile of evidence'.
62. Montreal, Canada, 1999, NARSC, 'The role of spatial spill-overs in non-attainment of air quality standards' (with H. Folmer, J. List and T. Chenery).
63. Dublin, Ireland, 1999, ERSA, 'The value of statistical life in road transport' (with A. de Blaeij, P. Rietveld and E. Verhoef); and 'Determinants of economic growth: a spatial perspective' (with E. López-Bazo and S. Rey).
64. Santa Fe, NM, USA, 1998, NARSC, 'The performance of diagnostics for spatial dependence in regression models: a meta-analytical approach' (with T. de Graaff).
65. Vienna, Austria, 1998, ERSA, 'An experimental assessment of diagnostic tools for nonlinearity in spatial process models' (with T. de Graaff, P. Nijkamp and K. van Montfort); 'The relevance of Hendry's econometric methodology: experimental simulation results for linear spatial process models' (with H. Folmer and S. Rey); and 'The Dutch Golden Age and the rise of capitalism in Central and eastern Europe: a comparative analysis' (with P. de Vries).
66. Monterey, CA, USA, 1998, WRSA, 'An experimental assessment of diagnostic tools for nonlinearity in spatial process models' (with T. de Graaff, P. Nijkamp and K. van Montfort).
67. Buffalo, NY, USA, 1997, NARSC, 'Evidence for nonlinearity in space-time structures' (with T. de Graaff, P. Nijkamp and A. Reggiani).
68. Arlington, VA, USA, 1996, NARSC, 'The dynamics of firm formation and close down in a spatial context' (with V. Schutjens).
69. Zurich, Switzerland, 1996, ERSA, 'The dynamics of firm formation and close down in a spatial context' (with V. Schutjens).
70. Utrecht, The Netherlands, 1996, DS, 'Shift-share Analysis: A Link with GIS and Spatial Statistics' (with W. Heijman and M. Loman).
71. Odense, Denmark, 1995, ERSA, 1 paper.
72. Niagara Falls, Canada, 1994, NARSC, 1 paper (with I. Fazekas and H. Folmer); and Groningen, The Netherlands, ERSA, 1 paper (with I. Fazekas and H. Folmer).
73. Houston, TX, USA, 1993, NARSC, 1 paper (with H. Folmer); Moscow, Russian Federation, ERSA, 1 paper (with H. Folmer); and Amersfoort, The Netherlands, DS, 1 paper (with H. Folmer).
74. Louvain-la-Neuve, Belgium, 1992, ERSA, 2 papers (with R. Jongeneel; and with S. Rey).
75. New Orleans, LA, USA, 1991, NARSC, 1 paper (with H. Folmer).
76. Boston, MA, USA, 1990, NARSC, 1 paper (with H. Folmer).
77. Santa Barbara, CA, USA, 1989, WRSA, 1 paper (with H. Folmer).
78. Stockholm, Sweden, 1988, ERSA, 1 paper (with H. Folmer).
79. Athens, Greece, 1987, ERSA, 1 paper (with H. Folmer).

B. Teaching

Courses (team-) taught

Purdue University (2005 – present)

- AGEC 691 Meta-analysis, graduate (Fall 2005)
AGEC 63000 Urban & regional economics, graduate (2007, 2008, 2010, 2013, 2015)
AGEC 63100 The theory and practice of spatial econometrics, graduate (annual, 2005 – present)
AGEC 63300 Advanced topics in space, health and population economics, graduate (twice a year, with S.E. Chen (until 2010), M.S. Delgado (since 2013) and B.S. Waldorf, Fall 2007 – present)
AGEC 69000 Individual studies (Joshua Mills, 2009 – 2010)

Tinbergen Institute and Netherlands Network of Economics (2001 – 2004)

- TI Urban and regional economics, graduate
TI/NAKE The empirics of economic growth, graduate
TI/NAKE Meta-analysis in economics, graduate

VU University Amsterdam (1998 – 2004, 2012 – 2013)

- 60412080 Advanced methods for applied spatial economic research 4.1 (2012, 2013; with others)
60231080 Spatial economics, undergraduate
MP Meta-analysis, graduate

Wageningen Agricultural University (1990 – 1994)

- D050-001 Microeconomics, undergraduate
D050-002 Macroeconomics, undergraduate
D050-211 Capita selecta, graduate
D050-205 Public finance, graduate
D050-206 Political and neoinstitutional economics, graduate
C350-212 Public administration I, graduate
C350-213 Public administration II, graduate
D050-218 Econometrics, graduate

University of Twente (1988 – 1990)

- NA Microeconomics, undergraduate

Supervision of theses and dissertations

Ph.D. (co-)adviser

- Ayoung Kim, Location and Agglomeration Economies, Purdue University, West Lafayette, USA, expected completion 2016 (with Michael Delgado).
Elizabeth Dobis, The Evolution of Urban Hierarchies in the USA, Purdue University, West Lafayette, USA, expected completion 2016 (with Michael Delgado).
Jessie Bakens, Ethnic Diversity and Urban Externalities, VU University Amsterdam, The Netherlands, expected completion 2015 (with Henri de Groot and Peter Mulder).
Xiaofei Li, Economic Dynamics of the Size and Structure of Urban Areas, Purdue University, West Lafayette, USA, expected completion 2015 (with Brigitte Waldorf).
Anita Yadavalli, Spatial Sorting and the Demand for Education, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, expected completion 2015 (with Larry DeBoer).
Seong Do Yun, Essays on Spatial Economic Aspects of Natural Disasters, Purdue University, West Lafayette, USA, expected completion 2015 (with Ben Gramig).

- Gerke Hoogstra, Location Changes of Jobs and People: Analyses op Population–Employment Interactions and Impacts of Gender and Geography, University of Groningen, Groningen, The Netherlands, 2013 (with Jouke van Dijk).
- Julia Beckhusen, The Role of Human Capital in International Migration, Purdue University, West Lafayette, USA, 2011 (with Brigitte Waldorf).
- Samantha Snyder, Spatial Dynamics of Urban Development: School Competition and Public Housing Policy, Purdue University, West Lafayette, USA, 2011.
- Luke Brander, Economic Valuation of Spatial Fragmentation, VU University Amsterdam, The Netherlands, 2011 (with Erik Verhoef and Jeroen van den Bergh).
- Benoît Delbecq, Economic Impacts of Urban Growth and Urban Sprawl on Agriculture: A Spatial Analysis of Land Use Change at the Urban-Rural Fringe, Purdue University, West Lafayette, USA, 2010.
- Gustav Helmers, The Importance of Ownership Form and Spatial Location in the Lodging Industry: An Empirical Analysis of the Hotel Sector in Texas, Purdue University, West Lafayette, USA, 2010 (with John Connor).
- Jason Brown, Spatial Dynamics of Capital Formation in U.S. Manufacturing, Purdue University, West Lafayette, USA, 2009 (Department of Agricultural Economics Outstanding Dissertation Award).
- Valerien Pede, Spatial Dimensions of Economic Growth, Technological Leadership and Club Convergence, Purdue University, West Lafayette, USA, 2009.
- Mesbah Motamed, Urbanization, Agriculture, and Economic Output: Essays in Economic Geography, Purdue University, West Lafayette, USA, 2009 (with William Masters).
- Todd Kuethe, Urban Spatial Structure and the Value of Residential Housing, Purdue University, West Lafayette, USA, 2009.
- Guyslain Ngeleza, Technological and Institutional Determinants of Economic Growth: New Tests Using Meta-Analysis and Spatial Econometrics, Purdue University, West Lafayette, USA, 2007 (with William Masters; Department of Agricultural Economics Outstanding Dissertation Award).
- Adela Nistor, The Impact of Controlled Drainage On Agricultural Yields: A Spatial Panel Model Using Yield Monitor Data, Purdue University, West Lafayette, USA, 2007 (with James Lowenberg-DeBoer).
- Chiara Travisi, The Economic Value of Improving Agricultural Safety for Human Health and the Environment: Meta-Analysis, Stated Preferences and Empirical Estimates for Italy, Vrije Universiteit, Amsterdam, The Netherlands, 2007 (with Roberto Camagni and Peter Nijkamp).
- Carla Sá, Higher Education Choice in The Netherlands: The Economics of Where to Go, Vrije Universiteit, Amsterdam, The Netherlands, 2006 (with Piet Rietveld).
- Mark Koetse, Determinants of Investment Behaviour: Methods and Applications of Meta-Analysis, Vrije Universiteit, Amsterdam, The Netherlands, 2006 (with Peter Nijkamp and Henri de Groot).
- Maria Abreu, Spatial Determinants of Economic Growth and Technology Diffusion, Vrije Universiteit, Amsterdam, The Netherlands, 2005 (with Jan-Willem Gunning and Henri de Groot).
- Abay Mulatu, Relative Stringency of Environmental Regulation and International Competitiveness, Vrije Universiteit, Amsterdam, The Netherlands, 2004 (with Cees Withagen).
- Katrin Oltmer, A Comparative Analysis of Environmental and Agricultural Policies in the European Union, Vrije Universiteit, Amsterdam, The Netherlands, 2003 (with Peter Nijkamp).

Ph.D. (and habilitation) committee member

- Francis Darko, Hierarchical Level Models of Food Consumption in Ghana, Africa, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, expected completion 2015.
- Ganesh Thapa, The Use of Hierarchical Models with Panel Survey Data, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, expected completion 2015.

Matt Volovski, Sustainability and Transport Infrastructure, Civil Engineering, Purdue University, West Lafayette, expected completion 2015.

Tia McDonald, The Economics of Natural Disasters, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, expected completion 2014.

Uris Baldos, Spatial Sample Selection Models, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, expected completion 2014.

Seul Ki Lee, Spatial Competition among Regions for Hotel Demand, Dept. of Hospitality and Tourist Management, Purdue University, West Lafayette, USA, 2012.

Abu Zafar Shahriar, The Impact of Microcredit Arrangements in Developing Countries, Dept. of Consumer Sciences, Purdue University, West Lafayette, USA, 2012.

Patrick Ward, Essays on Vulnerability at Varying Levels of Aggregation, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, 2011.

Bokar Moussa, Cowpea Market Integration in West Africa and Food Security: A Spatial Econometric Evaluation, Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, 2011.

Friso de Vor, Mobility of Firms and Ageing of Industrial Sites, VU University Amsterdam, Amsterdam, The Netherlands, 2011.

Roelf Voortman, Explorations into African Land Resource Ecology: On the Chemistry between Soils, Plants and Fertilizers, VU University Amsterdam, Amsterdam, The Netherlands, 2010.

Joshua Mills, An Analysis of the Socioeconomic Impacts of Bypasses on Small- and Medium-Sized Communities Incorporating Spatial Econometric Methods, Civil Engineering, Purdue University, West Lafayette, USA, 2010.

Angel Aguiar-Román, Dynamic Policy Analysis of International Migration into the U.S., Dept. of Agricultural Economics, Purdue University, West Lafayette, USA, 2009.

Geerte Cotteleer, Valuation of Land Use in The Netherlands and British Columbia: A Spatial Hedonic GIS-based Approach, Wageningen University and Research Centre, Wageningen, The Netherlands, 2008.

George Kikuchi, Spatial and Temporal Dynamics of Neighborhood Social Disorganization and Crime, Dept. of Sociology and Anthropology, Purdue University, West Lafayette, USA, 2008.

Derya Özgöç-Çağlar, Decision Theory in Federal Conservation Programs, Dept. of Forestry and Natural Resources, Purdue University, West Lafayette, USA, 2008.

Terry Griffin, Decision Making From On-Farm Experimentation Using Site-Specific Technologies And Spatial Statistics, Purdue University, West Lafayette, USA, 2006.

Martijn Brons, A Meta-Analytical Perspective on Transport Cost Behavior, Vrije Universiteit, Amsterdam, The Netherlands, 2006.

Bobby Martens, Supercenters, Warehouse Stores, and the Evolving Retail Grocery Industry, Purdue University, West Lafayette, USA, 2005.

René van der Kruk, Hedonic Valuation of Wetlands Using Spatial Econometrics, Vrije Universiteit, Amsterdam, The Netherlands, 2005.

Sandy Dall'erba, Les politiques de développement régional en Europe a la lumière des outils recents de la science régionale, Université de Pau et des Pays de l'Adour, Pau, France, 2004.

Joost Buurman, Rural Land Prices: A Spatial Explanatory Model, Vrije Universiteit, Amsterdam, The Netherlands, 2003.

Julie Le Gallo, Disparités géographiques et convergence des régions Européennes: Une approche par l'économétrie spatiale, University of Dijon, Dijon, France, 2002.

Cem Ertur, Synthesis of Research Activities for the "Habilitation à Diriger des Recherches" degree (HDR), University of Dijon, Dijon, France, 2002.

Hatemi J. Abduhnasser, Time Series Econometrics Applied to Macroeconomic Issues, Jönköping International Business School, Jönköping, Sweden, 2001.

Elizabeth Ruijgrok, Valuation of Nature in Coastal Zones, Institute for Environmental Studies, Vrije Universiteit, Amsterdam, The Netherlands, 2000.

Attila Varga, *Regional Economic Effects of University Research: A Spatial Econometric Perspective*, West Virginia University, Morgantown, WV, USA, 1997.

MA/MSc supervision

- Brian Wetzstein, *Corn Prices and Transportation Cost along the Mississippi River*, Purdue University, West Lafayette, USA, expected completion 2015.
- Yunsi Shang, *Spatial Dimensions of Fertility Differences between Urban and Rural Areas*, Purdue University, West Lafayette, USA, expected completion 2014 (with Brigitte Waldorf).
- Anna Josephson, *How does population density affect agricultural productivity? Evidence from Ethiopia*, Purdue University, West Lafayette, USA, 2013 (with Jake Ricker-Gilbert).
- Elizabeth Dobis, *A Sociodemographic Analysis of Health Care Utilization in the United States*, Purdue University, West Lafayette, USA, 2011 (Department of Agricultural Economics Outstanding Thesis Award, honorable mention Agricultural and Applied Economics Association).
- Peter Mitchell, *Location Choice Behavior of USDA Inspected Meat and Poultry Slaughter Plants in the United States: A Spatial Probit Approach*, Purdue University, West Lafayette, USA, 2011.
- Kosuke Tamura, *Spatial Dimensions of the Distribution of the Uninsured Population and the Concentration of Hospitals in the US*, Purdue University, West Lafayette, USA, 2008 (with Susan Chen).
- Mireille Hu-A-Ng, *Panel Data Techniques for Meta-analysis in Economics*, Vrije Universiteit, Amsterdam, The Netherlands, 2003 (with Kees van Montfort).
- Michiel Sorber, *Population and Employment Dynamics in The Netherlands*, Vrije Universiteit, Amsterdam, The Netherlands, 2001 (with Frank Bruinsma).
- Kees J. Kes, *The Impacts of Universities on Regional Economic Growth*, Vrije Universiteit, Amsterdam, The Netherlands, 1999.
- Thomas de Graaff, *Chaos and Nonlinearity in Space-time models*, Vrije Universiteit, Amsterdam, The Netherlands, 1998 (with Peter Nijkamp and Kees van Montfort).
- Arno van der Vlist, *Estimation of Spatio-temporal Error Component Models: Monte Carlo Evaluation of an Iterative Estimator*, Wageningen Agricultural University, Wageningen, The Netherlands, 1996 (with Henk Folmer).
- Erik Schmieman, *De kostenstructuur van de Nederlandse universiteiten*, Wageningen Agricultural University, Wageningen, The Netherlands, 1995.
- , *Een 'principal-agent'-benadering van de sociaal-economische voorlichting door standsorganisaties*, Wageningen Agricultural University, Wageningen, The Netherlands, 1995.
- , *Toeristische en recreatieve bestedingen in het Wester-kwartier*, Wageningen Agricultural University, Wageningen, The Netherlands, 1994.
- , *Belangengroepen en 'catch up,'* Wageningen Agricultural University, Wageningen, The Netherlands, 1994.
- , *De sanering van specifieke uitkeringen aan gemeenten*, Wageningen Agricultural University, Wageningen, The Netherlands, 1993.
- , *Een politiek-economisch model voor de nationale Nederlandse politiek*, Wageningen Agricultural University, Wageningen, The Netherlands, 1993.
- , *Economische aspecten van openluchtrecreatie*, Wageningen Agricultural University, Wageningen, The Netherlands, 1992.
- , *Gevolgen van de Europese eenwording voor de biermarkt*, University of Twente, Enschede, The Netherlands, 1990 (received external award).
- , *Sturing en planning in Nederland*, University of Twente, Enschede, The Netherlands, 1988 (with Frans van Vught).

Courses and workshops taught on contract basis

- Spatial econometrics: Concepts, tools and applications, Workshop, European Commission Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain, June 2011 (with B. Delbecq).
- Spatial econometrics: Concepts, tools and applications, Graduate course, Graduate Programme in Population Dynamics and Public Policy, Umeå University, Umeå, Sweden, August 2009 (with B. Delbecq).
- Spatial econometrics: Concepts, tools and applications, Post-conference workshop, American Agricultural Economics Association (AAEA), Orlando, USA, July 30, 2008.
- Spatial econometrics: Theory and practice, Graduate course, Wageningen University, Mansholt Graduate School of Social Sciences, Wageningen, The Netherlands, June 30–July 4, 2008.
- Spatial analysis techniques: Theory and applications, Graduate course, University of Barcelona, Dept. of Economics, Statistics, and the Spanish Economy, Barcelona, Spain, June 6–10, 2005.
- Spatial data analysis: The use of statistical and econometric techniques, Graduate course, Royal Institute of Technology, Stockholm, Sweden, April 12–16, 1999 (with L. Anselin).
- Financial management, course and workshop for managers of professional post-secondary colleges, Center for Higher Education Policy Studies, Enschede, The Netherlands, 1988 (with others).

C. Services

Administrative positions and offices

- 2014 – present Publications Committee Regional Science Association International.
- 2013 Member of the scientific committee of the 12th International Workshop Spatial Econometrics and Statistics, Orléans, France.
- 2012 – present Reviewer for the A.H. Ismail Interdisciplinary Program Doctoral Research Travel Award
- 2009 – 2010 Jury member (2009) and chair (2010) for the North American Regional Science Council graduate student paper competition.
- 2008 – 2011 Member of the Scientific Committee of the IIIth, IVth and Vth World Conference of the Spatial Econometrics Association, in Barcelona (Spain), Chicago (USA) and Toulouse (France).
- 2007 Chair Martin Beckmann Award Jury for the best article published in “Papers in Regional Science” in 2006.
- 2007 – 2010 Scientific Steering Committee Meta-Analysis of Economics Research Network (MAER).
- 2006 – present Member Internal Executive Committee, Center for the Environment, Purdue University, West Lafayette, USA.
- 2005 – present Chair and member of various departmental, college and university committees (e.g., agenda & policy committee, computer committee, graduate admission committee, strategic planning committee, metrics committee, graduate program committee, staffing committee, Ph.D. dissertation award committee, seminar committee and various search committees), Purdue University, West Lafayette, USA.
- 2004 – 2006 Member of the Scientific Committee of several congresses of the European Regional Science Association (e.g., Porto, Portugal; Amsterdam, The Netherlands; Volos, Greece).
- 2004 – 2005 Member of the Scientific Committee of the Workshop on Spatial Econometrics of the Kiel Institute for World Economics (IfW), Kiel, Germany.
- 2003 – present Member of the Advisory Board of the Regional Research Institute at West Virginia University, Morgantown, WV, USA.
- 2003 – 2004 Member of the EOC Working Party on the future arrangements for the Summer Institutes of the European Regional Science Association.
- 2002 – 2007 Program director of the NWO-NOVEM program “Stimulating energy efficient technologies by small and medium sized enterprises.”
- 2002 – 2004 Member of the Transition Committee of the Regional Science Association International.
- 1998 – 2004 Member of the management team of the Dept. of Spatial Economics, Vrije Universiteit, Amsterdam.
- 1998 – 2006 Member of the European Organizing Committee of the conferences of the European Regional Science Association.
- 1997 – 2006 Editor-in-chief and European editor of the journal “Papers in Regional Science.”
- 1997 – 2006 Chair (1997–1998) and member of the Epainos Award Committee.
- 1997 – 2006 Ex-officio member of the International, European and North-American Regional Science Association Council (RSAI-council, ERSAC and NARSC), and the Pacific Regional Science Association Conference Organization (PRSCO).
- 1993 – 1998 President of the University Council of Wageningen Agricultural University (WAU), chair of four standing council committees, member of numerous other committees, permanent advisor of the Executive University Board.
- 1993 – 1998 Member of the management team of the European Association for Universities and Cities (UniverCities).
- 1992 – 1998 Member of the board of the Dutch Section of the Regional Science Association International.

- 1992 – 1994 Member of the Agriculture and Society Library Committee.
- 1991 – 1994 Member of the University Council of Wageningen Agricultural University, as of 1993 chair of one of the fractions, member of several standing committees.
- 1987 – 1990 Co-founder and treasurer of a foundation for the exploitation of a synthetic soccer field (SEOK).
- 1986 – 1987 Member of a national commission that developed codes and criteria for information materials, founded by the associations of professional colleges (HBO-Raad) and universities (VSNU).
- 1983 – 1986 Member of the board of the service center for the Association of High Schools (OMO).
- 1981 – 1986 Co-founder and secretary of the Interschool Section of Economics for the Association of High Schools (OMO).
- 1979 – 1986 Member of various committees of the Van Maerlantlyceum (Cie. Structuur, Cie. Bezuinigingen, VBaO, Voorlopige Medezeggenschapsraad).

Editorial positions

- Member Scientific Committee of *Région et Développement*, l'Harmattan, 2014 – present.
- Member International Editorial Board of *Regional Studies*, *Regional Science*, Taylor & Francis, 2014 – present.
- Editor-in-chief and European editor of *Papers in Regional Science*, the journal of the Regional Science Association International, 1997 – 2006, Member Editorial Board, 2006 – present.
- Member Editorial Board of the *Journal of Regional Science*, Blackwell, 2001 – 2013.
- Member Editorial Board of the *International Regional Science Review*, Sage Publications, 1995 – present.

Organizer of conferences, workshops, special sessions, etc.

1. IVth Annual World Conference of the Spatial Econometrics Association, Chicago, 2010 (chair local organizing committee and scientific committee; with others).
2. Topic leader Rural/Community Development track for the 2010 Annual Conference of the Agricultural and Applied Economics Association (AAEA).
3. Midwest Student Summit on Space, Health and Population Economics, Purdue University, West Lafayette, USA, 2008 (with Todd Kuethe, Benoît Delbecq, Val Pedé and Brigitte Waldorf).
4. Organizer and convenor seminar series Spatial Analysis @ Purdue (SA@P), Purdue University, West Lafayette, USA, 2006.
5. Workshop Tinbergen Institute, Amsterdam, The Netherlands, 'Meta-analysis in economics: recent developments in methods and applications,' 2006 (with Henri de Groot and Mark Koetse).
6. European conference of the Regional Science Association International, 'Land use and water management in network societies,' Amsterdam, The Netherlands, 2005 (with others).
7. NWO-Senter/NOVEM Research group, 'Modeling energy-saving technological progress,' Amsterdam, The Netherlands, 2003 (with Henri de Groot and Hans Elzenga).
8. MASTER-point, International Colloquium 'Meta-analysis in economics,' Amsterdam, The Netherlands, 2002 (with Peter Nijkamp and Angèle Janse).
9. European conference of the Regional Science Association International, five special sessions on methods of spatial analysis, Dortmund, Germany, 2002.
10. MASTER-point and CPB Netherlands Bureau for Economic Policy Analysis, 'Meta-analysis and policy-oriented macro-economic research,' Tinbergen Institute, Amsterdam, The Netherlands, 2002 (with Henri de Groot and Ruud de Mooij).
11. MASTER-point, Vrije Universiteit, Amsterdam, The Netherlands, weekly colloquium series, 1998–2004.
12. Seminar Tinbergen Institute, Amsterdam, The Netherlands, 'Spatial analysis and GIS,' 1998.

13. Seminar Tinbergen Institute, Amsterdam, The Netherlands, 'Spatial econometrics and economic growth theory,' 1998.
14. North American meetings of RSAI, Santa Fe, NM, USA, five special sessions on spatial econometrics, 1998 (with Luc Anselin).
15. Farewell symposium mayor of Wageningen, Wageningen, The Netherlands, 'Wageningen kennisstad,' 1997 (with others).
16. Opening workshop, MASTER-point, Vrije Universiteit, Tinbergen Institute, Amsterdam, The Netherlands, 'Meta-analysis and value transfer in economics,' 1997 (with Peter Nijkamp).
17. RSA Nederland Dag, Utrecht, The Netherlands, 'Ruimte voor regio's,' 1995 (with Jouke van Dijk).
18. Conference UniverCities, Nitra, Slovak Republic, 'Integrated city-university marketing,' 1994 (with Eveline Vaane, Michel Jager and Jur van Beek).
19. Voorjaarsbijeenkomst RSA Nederland, Amsterdam, The Netherlands, 'Ruimtelijke aspecten van bestuurlijke herindelings,' 1994 (with Frans Boekema).
20. North American meetings of RSAI, Houston, TX, USA, special sessions on spatial econometrics, 1993 (with Luc Anselin).
21. Conference UniverCities, Wageningen, The Netherlands, 'Regional impacts of universities,' 1993 (with Eveline Vaane, Jan van Daalen and Jur van Beek).
22. RSA Nederland Dag, Amersfoort, The Netherlands, 'Nieuwe industriepolitiek en de rol van regionale clusters: de regio voorbij,' 1993 (with Jouke van Dijk).
23. European conference of RSAI, Louvain-la-Neuve, Belgium, special sessions on spatial econometrics, 1992 (with Luc Anselin).

Reviewer

Journals

American Economic Review, European Economic Review, Journal of Business Economics and Statistics, Journal of Urban Economics, Regional Science and Urban Economics, Journal of Regional Science, Environmental and Resource Economics, Papers in Regional Science, Annals of Regional Science, Journal of Agricultural Economics, Agricultural and Resource Economics Review, International Regional Science Review, Geographical Analysis, Journal of Geographical Systems, International Journal of Geographical Information Science, Geographical and Environmental Modelling, Annals of Economics and Statistics, Systemi Urbani, Review of Urban and Regional Development Studies, Higher Education Policy.

Funding organizations

National Science Foundation (NSF), Netherlands Organisation for the Advancement of Research (NWO); National Institutes of Health (NIH), Austrian Science Fund (FWF); University of Vienna; Economic & Social Research Council (ESRC); Fulbright US Student National Screening Committee.