





PERSONAL INFORMATION

Marcus Josephus Petrus Maria Thissen



-  Bertha von Suttnerlaan 34, 3527 WD Utrecht, The Netherlands
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-  <http://www.pbl.nl/en/aboutpbl/employees/mark-thissen>

Sex Male | Date of birth 30/11/1967 | Nationality Dutch

WORK EXPERIENCE

- 2004-present **Senior researcher economics**  
 PBL Netherlands Environmental Assessment Agency ([www.pbl.nl](http://www.pbl.nl)).

  - Research program coordinator of the research program on the importance of clusters and networks for the competitive position of Dutch regions. Research on regional trade, competition and regional economic development.

[Government Research Institute](#)
- 2001-2004 **Post-doctoral researcher**  
 University of Groningen (RUG), the Netherlands, Faculty of Economics, Department of Regional Economics.

  - Project: Development of a Spatial Applied General Equilibrium Model with Monopolistic Competition and Agglomeration Effects for the Netherlands. Joint project with the Free University of Amsterdam, Amsterdam, and the research institute TNO-inro, Delft. Tasks: Scientific responsibility for the project and co-ordination among participants.

[University](#)
- 2000-2004 **Assistant Professor**  
 University of Twente (UT), the Netherlands, Faculty of Public Administration and Public Policy, Department of Economics.

  - Teaching: European Integration, and Transition Economics.

[University](#)
- 1999-2000 **Lecturer (part-time)**  
 Institute of Social Studies (ISS), The Hague, The Netherlands.

  - Teaching: General Equilibrium Modelling, Social Accounting Matrices, and Introductory Econometrics.

[University](#)
- 1994-1998 **Doctoral researcher**  
 University of Groningen (RUG), the Netherlands, Faculty of Economics, Department of International Economics.

  - Ph.D. project: Building Financial CGE Models: Data, Parameters and the Role of Expectations; A Financial CGE Model for Egypt. Teaching: Growth Economics.

[University](#)

EDUCATION AND TRAINING

- 1994-1998 **Ph.D. in Economics**

Faculty of Economics, Department of International Economics, University of Groningen (RUG), the Netherlands

- Ph.D. in November 2000 on Building Financial CGE Models: Data Parameters and the Role of Expectations.

1994-1998 **M.Sc. in Economics**

Erasmus University of Rotterdam, Rotterdam, the Netherlands

- Specialisation: Monetary Economics, Development Economics, CGE modelling.
- Master Thesis: Liberalization Policy and Exogenous shocks in the Egyptian Economy; A Macroeconomic analysis on the basis of a CGE model..

PERSONAL SKILLS

Mother tongue(s) Dutch

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient	Proficient	Proficient	Proficient	Proficient
German	Basic	Basic	Basic	Basic	Basic

Organisational / managerial skills

Project organisation and management

- Project leader and research program coordinator (more than 10 years of experience; responsible for changing teams of people)

Job-related skills

Applied CGE Modelling, Spatial CGE Modelling, Regional Economics, Macroeconomics, Monetary Economics, International Economics, Financial and Regional CGE Modelling, Development Economics, Computer Programming.

Computer skills

Good command of basic Microsoft Office™ programs, programming languages like GAMS and Delphi, statistical programs like Stata and basic knowledge of HTML, Javascript and Javascript D3.

ADDITIONAL INFORMATION

## Publications

- Thissen (PBL), M.J.P.M., M. Lankhuizen and O. Jonkeren (2015), Multi-regional trade data for Europe in 2010, Project for the EC Institute for Prospective Technological Studies (JRC-IPTS), PBL publication number: 1753, PBL Netherlands Environmental Assessment Agency The Hague/Bilthoven.
- Potters, L. Conte, A. Kancs, d'A. Thissen, M. (2014) Data Needs for Regional Modelling, JRC Technical Report, JRC80845, ISBN: 978-92-79-29737-3, Luxembourg Publications Office of the European Union.
- Mark Thissen, Francesco Di Comite, d'Artis Kancs and Lesley Potters (2014), Modelling Inter-Regional Trade Flows; Data and Methodological Issues in RHOMOLO 1, WP 02/2014, ISBN: 978-92-79-44509-5, doi: 10.2776/871154, European Commission, Directorate-General for Regional Policy, Bruxelles
- Thissen, M.J.P.M. and C. Gianelle (2014), EU regional competitiveness scoreboard, <http://s3platform.jrc.ec.europa.eu/s3-trade-tool> and <http://themasites.pbl.nl/eu-trade/>, European Commission, Joint Research Centre, Institute for Prospective Technological Studies and the PBL Netherlands Environmental Assessment Agency.
- Carlo Gianelle, Xabier Goenaga, Ignacio González Vázquez, Mark Thissen (2014), Smart specialisation in the tangled web of European inter-regional trade, *European Journal of Innovation Management*, 10/2014; 17(4):472-491. DOI:10.1108/EJIM-10-2013-0113
- Martijn J. Burger, Mark J. P. M. Thissen, Frank G. van Oort, Dario Diodato (2014), The Magnitude and Distance Decay of Trade in Goods and Services: New Evidence for European Countries, *Spatial Economic Analysis* 08/2014; 9(3):231-259. DOI:10.1080/17421772.2014.930166.
- Teodora Dogaru, Frank van Oort, Dario Diodato & Mark Thissen (2014), "Agglomeration and knowledge in European regional growth". In: Sven Conventz, Ben Derudder, Alain Thierstein & Frank Witlox (eds.), *Hub cities in the knowledge economy: seaports, airports, brainports*. Aldershot, Ashgate: 181-201.
- Teodora Dogaru, Frank van Oort & Mark Thissen (2014), "Economic development, place-based development strategies and the conceptualization of proximity in European urban regions". In: André Torre & Frederic Wallet (eds.), *Regional development and proximity relations*. Cheltenham, Edward Elgar: 333-358.
- Thissen M., F. van Oort, D. Diodato, & A. Ruijs (2013). *Regional Competitiveness and Smart Specialization in Europe: Place-based Development in International Economic Networks*. Cheltenham, UK: Edward Elgar Publishing.
- Thissen M., D. Diodato, & F. van Oort (2013), *Integration and Convergence in Regional Europe: European Regional Trade Flows from 2000 to 2010*, PBL publication number: 1036, PBL Netherlands Environmental Assessment Agency, The Hague/Bilthoven
- Thissen M., D. Diodato, & F. van Oort (2013), *Integrated Regional Europe: European Regional Trade Flows in 2000*, PBL publication number: 1035, PBL Netherlands Environmental Assessment Agency, The Hague/Bilthoven
- Martijn Burger, Frank van Oort, Ronald Wall & Mark Thissen (2013), "Analysing competitive advantage of cities in the Dutch Randstad by urban market overlap". In: Johan Klaesson, Börje Johansson & Charlie Karlsson (eds), *Metropolitan regions: knowledge infrastructure of the global economy*. Berlin, Springer: 375-393. Working Paper version: GaWC Research Bulletin 273.
- Mark Thissen, Narisra Limtanakool and Hans Hilbers (2011), Road pricing and agglomeration economies: a new methodology to estimate indirect effects applied to the Netherlands, *The Annals of regional science*, volume 47, Number 3, 543-567, DOI: 10.1007/s00168-010-0394-4
- Teodora Dogaru, Frank van Oort and Mark Thissen (2011), Agglomeration economies in European regions: Perspectives for objective 1 regions, *Journal of economic and social geography (TESG)*, volume 102, Issue 4, pages 486-494.
- Tavasszy, L.A., M.J.P.M. Thissen and J. Oosterhaven (2011), Challenges in the application of spatial computable general equilibrium models for transport appraisal, *Research in Transportation Economics*, Volume 31, Issue 1, Pages 12-18. doi:10.1016/j.retrec.2010.11.003
- Thissen M., F. van Oort, M. Burger, D. Diodato and A. Ruijs (2011), Revealed competition in Europe: Concentration in Inter-regional competition between nuts2 regions in Europe (2000-2010). Paper presented at the NARSC, Miami November 2011, and the Workshop on Multinational Strategies, Networks and Regional Economic Development, Rotterdam, December 2011
- Thissen, M.J.P.M., F.G. van Oort and T. Dogaru (2011), Locational and Network Determinants of International Competitiveness: a Common Ground for Cohesion Policy? Paper presented at the regional studies conference: Cohesion Policy: What Future For Cohesion Policy? An Academic Policy Debate, Bled, March 2011.
- Thissen, Mark and Van Oort, Frank G. (2010), European place-based development and sustainable economic agglomeration, *Volume 101, Issue 4, pages 473-480, September 2010*.
- Thissen, Mark, Burger, Martijn J. and Van Oort, Frank G. (2010), House Prices, Bubbles and City Size. ERIM Report Series Reference No. ERS-2010-030-ORG. Available at SSRN: <http://ssrn.com/abstract=1660907>

## Publications

- Mark Thissen, Hans Hilbers, Paul van de Coevering (2009), The Difference between bi-regional and full networks when analysing agglomeration effects, *Journal of economic and social geography (TESG)*, volume 100, Issue 2, pp. 171–182.
- M. Thissen, G. Renes (2008), An applied spatial general equilibrium model for the housing market, Paper presented at the summer conference 'Modelling the Spatial Economy' of the German Speaking Section of the Regional Science Association (GfR), July 3 to 5, 2008, in Kiel, Germany
- A. E. Steenge and M. J. P. M. Thissen (2005), A New Matrix Theorem: Interpretation in Terms of Internal Trade Structure and Implications for Dynamic Systems, *Journal of Economics*, volume 84, Number 1, 71-94, DOI: 10.1007/s00712-004-0094-6
- Thissen, M.J.P.M. (2005), 'RAEM: Regional Applied General Equilibrium Model for the Netherlands', pp. 63-86 in: Frank van Oort, Mark Thissen & Leo van Wissen eds., *A survey of spatial-economic planning models in the Netherlands. Theory, application and evaluation*, Rotterdam/Den Haag: NAI Uitgevers/RPB .
- Thissen, M.J.P.M. (2004), The indirect economic effects of a terrorist attack on transport infrastructure: A proposal for a SAGE, *Disaster Prevention and Management*, Vol. 13, No. 4.
- Thissen, M.J.P.M., 2004. RAEM 2.0, The Regional Equilibrium Model for the Netherlands. TNO working paper. TNO, Delft.
- Thissen, M.J.P.M., 2003. The Indirect Economic Effects of a Terrorist Attack on Transport Infrastructure: A Proposal for a SAGE. In: *In Search of a Common Methodology for Damage Estimation*, European Commission EUR Report.
- Tavasszy, L.A., C.J. Ruijgrok, M.J.P.M. Thissen (2003), Emerging global logistics networks: implications for transport systems and policies, *Growth and Change: A Journal of Urban and Regional Policy*, Vol. 34 No. 4, pp. 456-472 (Top 20 best read articles dd 1/08)
- Thissen, M.J.P.M. and W. Romp, 2002. The Effect of Increased Labour Mobility in Europe: Monopolistic Competition in a Spatial Applied General Equilibrium Model (SAGE). In: *Agglomeration, Population and Co-ordination in Europe*, A. Prinz, A. Steenge and A. Vogel, eds., pp. 37-62.
- L.A. Tavasszy, M.J.P.M. Thissen, A.C. Muskens, J. Oosterhaven, 2002. Pitfalls and Solutions in the Application of Spatial Computable General Equilibrium Models for Transport Appraisal, Paper presented at the ERSA Conference, Dortmund, August 2002.
- C.J. Ruijgrok, L.A. Tavasszy, and M.J.P.M. Thissen, 2002. Emerging Global Logistics Networks: Implications for Transport Systems and Policies Or: World Logistics, Quo Vadis? Paper presented at Stella Conference, Sienna, June 2002.
- Thissen, M.J.P.M., 2001. Het midden Oosten en het Nut van Ontwikkelingshulp, *Economische Statistische Berichten* vol 86, pp. 548-551, (Dutch).
- Thissen, M.J.P.M. and J. Oosterhaven, 2001. The effects of Increased Labour Mobility in Spatial Applied General Equilibrium Models, Paper presented at the RSAI Conference, Charleston, November 2001.
- Thissen, M.J.P.M. and W. Romp, 2001. Locational Boundedness of Production, Paper presented at the RSAI Conference, Charleston, November 2001.
- Thissen, M.J.P.M. and B.W. Lensink, 2001. Macroeconomic Effects of a Currency Devaluation in Egypt; An Analysis with a Computable General Equilibrium Model with Financial Markets and Forward Looking Expectations. *Journal of Policy Modelling*, vol 23, pp. 411-419.
- Thissen, M.J.P.M. 2000. Building Financial CGE Models: Data, Parameters and the role of Expectations; A Financial CGE Model for Egypt. Ph.D. Thesis, University of Groningen, Groningen.
- Thissen, M.J.P.M. 1999. Financial CGE Models; Two Decades of Research. SOM Research Memorandum 99C26, University of Groningen, Groningen.
- Thissen, M.J.P.M. 1999. A Classification of Empirical CGE Modelling. SOM Research Memorandum 99C02, University of Groningen, Groningen.
- Thissen, M.J.P.M. 1999. Two Decades of CGE Modelling; Lessons From Models for Egypt. SOM Research Memorandum 99C01, University of Groningen, Groningen.
- Thissen, M.J.P.M. and H. Löfgren, 1998. A New Approach to SAM Updating with an Application to Egypt. *Environment and Planning A*, volume 30, pages 1991-2003.
- Thissen, M.J.P.M. and P. Kerkhof, 1998. The Dynamics of Reform Policy; A New Political Economy Model with an Application to Egypt. CDS Working Paper. University of Groningen.
- Kerkhof, P. and M.J.P.M. Thissen, 1998. The dynamics of Structural Reform in Egypt. Amsterdam International Studies Working Paper no. 51. University of Amsterdam.
- Thissen, M.J.P.M. and B.W. Lensink, 1997. A General Equilibrium Model for Egypt with Financial Markets and Forward Looking Expectations SOM Research Memorandum 97C52. University of Groningen, Groningen.
- Thissen, M.J.P.M. and B.W. Lensink, 1997. Exchange Rate Policy, Foreign Denominated Assets and Income Distribution in Egypt: An analysis with a Small CGE Model. Paper presented at the ASSA meeting, New Orleans 1997.
- Thissen, M.J.P.M. 1995. A New Approach to SAM Updating, SOM Research Memorandum 95C25, University of Groningen, Groningen. Paper presented at the International Conference on Input Output techniques in New Delhi 1995.

## Publications

In Dutch:

Thissen M., A. Ruijs, F. van Oort, and D. Diodato (2011), De concurrentiepositie van Nederlandse regio's; Regionaal-economische samenhang in Europa, PBL Planbureau voor de leefomgeving, Den Haag.

Thissen M., F. van Oort, A. Ruijs and S. Declerck (2011), De concurrentiepositie van De Noordvleugel van de Randstad in europa, PBL Planbureau voor de leefomgeving, Den Haag.

Besseling, P., K. Geurs, H. Hilbers, R. Lebouille and Mark Thissen, Effecten van omzetting van de aanschafbelasting op personenauto's in een kilometerprijs (2008), CPB Document 166, Centraal PlanBureau, Den Haag.

H. Hilbers, M. Thissen, P. van de Coevering, N. Limtanakool and F. Vernooij (2007), Beprijzing van het wegverkeer de effecten op door stroming, bereikbaarheid en de economie, NAI Uitgevers, Rotterdam/Ruimtelijk Planbureau, Den Haag

Thissen, M.J.P.M., P. van de Coevering and H. Hilbers (2006), Wegen naar economische groei, Rotterdam/Den Haag: NAI Uitgevers/RPB.

Renes, G., M.J.P.M. Thissen, and A. Segeren (2006), Betaalbaarheid van koopwoningen en het ruimtelijk beleid, Rotterdam/Den Haag: NAI Uitgevers/RPB.

## Presentations

## Projects

## Conferences

## Seminars

## Courses

Attended and presented at many conferences and seminars. Conferences attended often are those from the following organisations: NARSC, IIO, ERSA, RSA.

Given PhD courses on applied spatial computer general equilibrium modelling (DIMETIC and ERSA sunnerschools).

Involved in research projects for the European Comission (Smartspec, framework 7 project; IPTS regional data and webtool projects) and projects for the Dutch government.