

## Journal Articles

- Rutten, M., T.J. Achterbosch, I.J.M. de Boer, J. Crespo Cuaresma, J.M. Geleijnse, P. Havlík, T. Heckelei, J. Ingram, A. Leip, S. Marette, H. van Meijl, L-G Soler, J. Swinnen, P. van 't Veer, J. Vervoort, A. Zimmermann, K. Zimmermann and M. Zurek (2016), "[Metrics, models and foresight for European sustainable food and nutrition security: the vision of the SUSFANS project](#)", Agricultural Systems, *in press*. An earlier version appeared in [Research Gate](#).
- Rutten, M. and A. Kavallari, (2016), "[Reducing food losses to protect domestic food security in the Middle East and North Africa](#)", African Journal of Agricultural and Resource Economics, 11(2). An earlier version appeared as [GTAP conference paper](#) (GTAP resource 4075).
- Rutten, M., M. van Dijk, W. van Rooij and H. Hilderink (2014), "[Land Use Dynamics, Climate Change and Food Security in Vietnam: a Global-to-Local Modeling Approach](#)", World Development, 59, July 2014: 29–46. An earlier version appeared as [GTAP conference paper](#) (GTAP resource 5705). Underlying project report: "[Land-Use Change, Food Security and Climate Change in Vietnam; A Global-to-Local Modelling Approach](#)", LEI Report 2013-020, LEI Wageningen UR.
- Powell, J. and M. Rutten (2013), "[Convergence of European Wheat Yields](#)", Renewable and Sustainable Energy Reviews, 28, December 2013: 53–70.
- Rutten, M. (2013), "[What Economic Theory Tells Us about the Impacts of Reducing Food Losses and/or Waste: Implications for Research, Policy and Practice](#)", Agriculture & Food Security 2013, 2:13. An earlier version appeared as [Wageningen School of Social Sciences Working Paper 7](#). Used as a basis for: various applied studies, delivery of an expert session on economic aspects of food losses and waste to the Ministry of Economic Affairs (June 2013, with Yuca Waarts), presentation at an expert session at the [OECD](#) (June 2013), teaching in the [CDI course Lost Harvest and Wasted Food](#) (September 2013, 2014) and contribution to the CFS [HLPE report](#) on Food Losses and Waste in the Context of Sustainable Food Systems.
- Rutten, M., L. Shutes and G. Meijerink (2013), "[Sit Down at the Ballgame: How Trade Barriers Make the World Less Food Secure](#)", Food Policy, 38: 1–10. Earlier versions appeared as [SSRN Working Paper](#) and [GTAP Conference Paper](#) (GTAP resource 3507), 2011. Underlying project report: "[Sit Down at the Ballgame: How Export Barriers Make the World Less Food Secure](#)", LEI Report 2011-047, LEI Wageningen UR.
- Zurn, P., M. Vujicic, C. Lemière, M. Juquois, L. Stormont, J. Campbell, M. Rutten and J-M. Braichet (2011), "[A Technical Framework for Costing Health Workforce Retention Schemes in Remote and Rural Areas](#)", Human Resources for Health, 9:8.
- Rutten, M. (2009), "[The Economic Impact of Medical Migration: A Receiving Country's Perspective](#)", Review of International Economics, 17: 156–171. An earlier version appeared as [World Bank Policy Research Working Paper](#) (No. 4593).
- Rutten, M. (2009), "[The Economic Impact of Medical Migration: An Overview of the Literature](#)", The World Economy, 32: 291–325.
- Rutten, M. and G. Reed (2009), "[A Comparative Analysis of Some Policy Options to Reduce Rationing in the UK's NHS: Lessons from a General Equilibrium Model Incorporating Positive Health Effects](#)", Journal of Health Economics, 28: 221–233. An earlier version appeared as [GEP Research Paper](#) (No. 06/31).

## Book Chapters

Woltjer, G. and M. Rutten (2016), “Indian Economic Growth and Trade Agreements: What Matters for India and Global Markets?”. Chapter 5 in “International Trade and Food Security; the Future of Indian Agriculture”, (Eds.) F. Brouwer and P.K. Joshi, CABI, Wallingford, UK.

Shutes, L., M. Rutten and T. Achterbosch (2014), “Evaluating the Impact of Policy on Food and Nutrition Security Outcomes at the Household Level”, Chapter in “[The Food Puzzle: Pathways to Securing Food for All](#)”, (Eds.) T. Achterbosch et al., p37–40, Wageningen UR.

## Policy Reports

Rutten, M., A. Zimmermann, P. Havlík, A. Leip, T. Heckelei and T. Achterbosch (2016), “[Modelling Sustainability and Nutrition in Long Run Analyses of the EU Agri-Food System: Work Plan for the SUSFANS Toolbox](#)”, D9.1 of the SUSFANS project, H2020 / SFS-19-2014: Sustainable food and nutrition security through evidence based EU agro-food policy, GA no. 633692.

Rutten, M., M. Verma, N. Mhlanga and C. Bucatariu (2015), “[Potential Impacts on sub-Saharan Africa of Reducing Food Loss and Waste in the EU: A Focus on Food Prices and Price Transmission Effects](#)”, Joint FAO and LEI Wageningen UR Report, FAO, Rome.

Rutten, M. and M. Verma (2014), “[The Impacts of Reducing Food Loss and Waste in Ghana: A Scenario Study Using the Gobal Economic Simulation Model MAGNET](#)”, LEI Report 2014-035, LEI Wageningen UR.

Berkum, S. van, M. Rutten, J. Wijnands and D. Verhoog (2014), “[Potential Effects of an EU-US Trade Agreement on Dutch agribusiness Trade Opportunities and Competitiveness](#)”, LEI Report 2014-021, LEI Wageningen UR.

Scheer, F.P., B. van Gogh, P. Ravensbergen, M. van der Burgh, E. Westra, Y. Waarts, M. Rutten and L. Aramyan (2014), “Visie Internationale Agrologistiek: Inventarisatie Naoogst Verliezen en Verbeterde Voedselzekerheid in Opkomende Landen en de Mogelijke Bijdrage van het Nederlandse Bedrijfsleven”, Report 1430, FBR Wageningen UR.

Rutten, M., P. Nowicki, L. Amaryan and M-J Bogaardt (2013), “[Reducing Food Waste by Households and in Retail in the EU: a Prioritisation on the Basis of Economic, Land Use and Food Security Impacts](#)”, LEI report 2013-035, LEI Wageningen UR. Widely reported on in media, including Vice Versa, Volkskrant (here and here), Telegraaf, Radio10, Trouw, BNR, Nieuwsbrief Milieu & Economie, Distrifood and kijkopkennis.nl, and presented at conferences including the first Global Food Security Conference 2013 and at the Save Food Partnership event 2013 (keynote speech).

Tan, A., C. O’ Connor, C Tostivint, S. Mudgal and M. Rutten (2013), “[Turning Milestones into Quantified Objectives: Food Waste](#)”, Policy Brief for project ‘Modelling Milestones for Achieving Resource Efficiency’ for DG ENV, led by BIO Intelligence Service, October 1, 2013.

Kavallari, A., M. L. Rau and M. Rutten (2013), “[Economic Growth in the Euro-Med Area through Trade Integration: Focus on Agriculture and Food](#)”, Regional Impact Analysis edited by P. Boulanger and R. M’Barek. JRC Scientific and Policy Reports, EUR number 26231 EN, European Commission, JRC-IPTS.

Van Dijk, M., H. Hilderink, W. van Rooij, M. Rutten, R. Ashton, K. Kartikasari and V.C. Lan (2012), [Land Use, Food Security, and Climate Change in Vietnam](#), CDKN Policy Brief, September 2012.

LEI Wageningen UR (2011), [Landbouw-Economisch Bericht](#) (LEB), Berkhouw, P. en C. van Bruchem (ed.), LEI Report 2011-017, LEI Wageningen UR, Co-author Chapter 2.5: Foodwaste.

Franke, A.C., M.L.H. Breukers, W. Broer, F.H.J. Bunte, O. Dolstra, F.M. Engelbronner-Kolff, L.A.P. Lotz, J. Montfort, J. Nikoloyuk, M.M. Rutten, M.J.M. Smulders, C.C.M. Wiel and M. van de Zijl (2011), “[Sustainability of Current GM Crop Cultivation: Review of People, Planet and Profit Effects of Agricultural Production of GM Crops, Based on the Cases of Soybean, Maize and Cotton](#)”, Report 368, Plant Research International Wageningen UR.

LEI Wageningen UR (2010), [Landbouw-Economisch Bericht](#) (LEB), Berkhouw, P. en C. van Bruchem (ed.), LEI Report 2010-013, LEI Wageningen UR, Author Chapter 2.6: Negotiations on regional and bilateral trade agreements.

Rutten, M. (2008), book review of “[The Bottom Billion: Why the Poorest Countries Are Failing and What Can Be Done About It](#)” by Paul Collier, *Economisch Statistische Berichten*, 93 (4536).

## Model Documentation

Woltjer, G., M. Kuiper, A. Kavallari, H. van Meijl, J. Powell, M. Rutten, L. Shutes and A. Tabeau (2014), “[The MAGNET model: Module Description](#)”, LEI Report 14-057, LEI Wageningen UR.

## Online Contributions

Rutten, M. (2013), “[Voedselverspilling Tegengaan? Eerst Economische Motieven Veranderen](#)”, Blog for Feed The World, October 13, 2013.

Rutten, M. (2013), “[New LEI Research Shows Potential for Enhancing Food Security in MENA](#)”, LEI News, June 13, 2013.

Rutten, M. (2013), “[The Impacts of \(Reducing\) Food Losses and/or Waste: What We Do Not Know](#)”, contribution to [Food Security and Nutrition forum](#) ‘Food Losses and Waste in the Context of Sustainable Food Systems - E-consultation to set the track of the study’, for High Level Panel of Experts, Committee on World Food Security April, 2013.

Rutten, M. (2013), “[Food Waste and Food Security: What Do We Actually Know?](#)”, LEI Opinion blog, April, 2013, also in Dutch.

Rutten, M. (2012), contribution to [Food Security and Nutrition forum](#) ‘Making Agriculture Work for Nutrition: Prioritizing Country Level Action, Research and Support’ Discussion No. 83, September 12 - October 3, 2012.

## Working Papers

Rutten, M., A. Tabeau and F. Godeschalk (2014), “[We Are What We Eat: an Economic Tool for Tracing the Origins of Nutrients with Entry Points for Action](#)”, FoodSecure Working Paper No. 28, October 2014, *under journal review*, shortened version submitted to the IAAE conference.

Rutten, M., A. Tabeau and F. Godeschalk (2013), “[A New Methodology for Incorporating Nutrition Indicators in Economy-Wide Scenario Analyses](#)”, FoodSecure Technical Paper No. 1, November 2013.

Boulanger, P., A. Kavallari, M. L. Rau and M. Rutten (2013), “[Trade Openness and Investment in North Africa: A CGE Application to Deep and Comprehensive Free Trade Areas \(DCFTAs\)](#)

[between the EU and respectively Egypt, Morocco and Tunisia](#)”, Proceedings of the International Agricultural Trade Research Consortium Symposium, June 2-4, 2013, Seville, Spain.

Woltjer, G., M. Banse and M. Rutten (2012), “[DSS and Gemse Analyst: A Consistent and Flexible Framework from Primary Data towards Scenario Analysis](#)”, GTAP resource 3853, GTAP Conference 2012.

Rutten, M. (2009), “The Driving Forces Behind Health Worker Migration”, Poster at the 7th World Congress on Health Economics, Beijing, July 2009.

Rutten, M. (2008), “[Towards a Comprehensive Economic Methodology for Estimating the Cost of Human Resources for Health under Alternative Scenarios](#)”, KIT Working Paper Series H2, Royal Tropical Institute (KIT), Amsterdam.

Kruijk, H. de and M. Rutten (2008), “Tsunami Impact on Poverty Dynamics in the Maldives”, Discussion Paper, Erasmus University Rotterdam. Final version contained in “[Poverty Dynamics: The Case of the Maldives](#)”, Ph.D. thesis Hans de Kruijk, Chapter 6.

Kruijk, H. de and M. Rutten (2007), “Vulnerability and Poverty Dynamics in the Maldives”, with H. de Kruijk, IIDE Discussion Paper 200708-02. Final version contained in “[Poverty Dynamics: The Case of the Maldives](#)”, Ph.D. thesis Hans de Kruijk, Chapter 5.

Kruijk, H. de and M. Rutten (2007), “Weighting Dimensions of Poverty Based on People’s Priorities: Constructing a Composite Poverty Index for the Maldives”, IIDE Discussion Paper 200708-01 and Q2 Working Paper 35. Final version contained in “[Poverty Dynamics: The Case of the Maldives](#)”, Ph.D. thesis Hans de Kruijk, Chapter 4.

## Unpublished Works

Rutten, M. (2013), “Agricultural Growth Strategy in Egypt – Tackling Food Losses and Supply Chain Inefficiencies”, Policy Brief 8, for Dutch Ministry of Economic Affairs, LEI Wageningen UR.

Woltjer, G., M. Rutten and M. Kuiper (2013), “The MAGNET model: User Guide”, LEI Wageningen UR.

Rutten, M., M. L. Rau and T. van der Kooi (2011), “Mercosur: Prospects for the EU, the Netherlands and the Dutch Agribusiness”, Report for Dutch Ministry of Agriculture, LEI Wageningen UR.

Rutten, M. (2010), “Bilateral Free Trade Agreements: Prospects for the EU, the Netherlands and the Dutch Agribusiness”, Report for Dutch Ministry of Agriculture, LEI Wageningen UR.