

Peer reviewed

- ESPINOSA, M., GOCHT, A., HECKELEI, T., GOMEZ Y PALOMA, S. (2016): Incorporating farm structural change in models assessing the Common Agricultural Policy: an application in the CAPRI farm type model, *Journal of Policy Modeling*, (in press)
- GÖTZE, F., MANN, S., FERJANI, A., KOHLER, A., HECKELEI, T. (2016): Explaining market shares of organic food: evidence from Swiss household data, *British Food Journal* 118(4): 931 - 945
- ZAVELBERG, Y., HECKELEI, T., WIECK, C. (2016): Entry deterring effects of contractual relations in the dairy processing sector, *Bio-based and Applied Economics* 5(1): 83-98
- RASCH, S., HECKELEI, T., OOMEN, R. (2016): Reorganizing resource use in a communal livestock production-socio-ecological system in South Africa, *Land Use Policy* 52: 221–231
- RASCH, S., HECKELEI, T., OOMEN, R. AND NAUMANN, C. (2016): Cooperation and collapse in a communal livestock production SES model – A case from South Africa, *Environmental Modelling & Software* 75: 402-413.
- STORM, H., HECKELEI, T. AND MITTELHAMMER, R. (2016): Bayesian estimation of non-stationary Markov models combining micro and macro data, *European Review of Agricultural Economics* 43(2): 303-329.
- STORM, H., HECKELEI, T., ESPINOSA, M. AND GOMEZ Y PALOMA, S. (2015): Short Term Prediction of Agricultural Structural Change using Farm Accountancy Data Network and Farm Structure Survey Data, *German Journal of Agricultural Economics* 64(3): 163-174.
- STORM, H., MITTENZWEI, K. AND HECKELEI, T. (2015): Direct Payments, Spatial Competition, and Farm Survival in Norway, *American Journal of Agricultural Economics* 97(4): 1192-1205
- PODHORA, A., K. HELMING, L. ADENÄUER, T. HECKELEI, P. KAUTTO, P. REIDSMA, K. RENNINGS, J. TURNPENNY AND J. JANSEN (2013): The policy-relevancy of impact assessment tools: Evaluating nine years of European research funding, *Environmental Science & Policy* 31: 85-95.
- HECKELEI, T., W. BRITZ AND Y. ZHANG (2012): Positive Mathematical Programming Approaches – Recent Developments in Literature and Applied Modelling, *Bio-based and Applied Economics* 1(1): 109-124.
- BRITZ, W., M. VAN ITTERSUM, A. OUDE LANSINK AND T. HECKELEI (2012): Tools for Integrated Assessment in Agriculture. State of the Art and Challenges, *Bio-based and Applied Economics* 1: 125-150.
- HECKELEI, T. AND J. SWINNEN (2012): Introduction to the Special Issue of the World Trade Review on 'standards and non-tariff barriers in trade', *World Trade Review* 11(3): 353-355.
- ZIMMERMANN, A. AND T. HECKELEI (2012): Structural Change of European Dairy Farms - A Cross-regional Analysis, *Journal of Agricultural Economics* 63(3): 576-603.
- JUNKER, F. and T. HECKELEI (2012): TRQ-complications: who gets the benefits when the EU liberalizes Mercosur's access to the beef markets?, *Agricultural Economics* 43(2): 215-231

- STORM, H., T. HECKELEI and C. HEIDECHE (2011): Estimating Irrigation Water Demand in the Moroccan Drâa Valley using Contingent Valuation, *Journal of Environmental Management* 92(10): 2803-2809.
- EWERT, F., M. VAN ITTERSUM, T. HECKELEI, O. THEROND, I. BEZLEPKINA and E. Andersen (2011): Scale changes and model linking methods for integrated assessment of agri-environmental systems, *Agriculture, Ecosystems and Environment* 142(1-2): 6-17.
- ADENÄUER, L. and T. HECKELEI (2011): Foreign Direct Investment and the Performance of European Agribusiness Firms, *Journal of Agricultural Economics* 62(3): 639-654.
- JANSSON, T. and T. HECKELEI (2011): Estimating a Primal Model of Regional Crop Supply in the European Union, *Journal of Agricultural Economics* 62(1): 137-152.
- KEMPEN, M., B.S. ELBERSEN, I. STARITSKY, E. ANDERSEN and T. HECKELEI (2011): Spatial allocation of farming systems and farming indicators in Europe, *Agriculture, Ecosystems and Environment* 142(1-2): 51-62.
- HECKELEI, T. (2010): Publishing as an Agricultural Economist: Thoughts on Why, Where and How, *German Journal of Agricultural Economics* 59(3): 133-143.
- LOUHICHI, K., A. KANELLOPOULOS, S. JANSSEN, G. FLICHMANN, M. BLANCO, H. HENGSDIJK., T. HECKELEI, P. BERENTSEN, A. OUDE LANSINK, and M. VAN ITTERSUM (2010): FSSIM, a bio-economic farm model for simulating the response of EU farming systems to agricultural and environmental policies, *Agricultural Systems* 103(8): 585-597.
- WOLFF, H., T. HECKELEI. and R. MITTELHAMMER (2010): Imposing Curvature and Monotonicity on Flexible Functional Forms: An Efficient Regional Approach, *Computational Economics* 36(4): 309-339.
- KANELLOPOULOS, A., P. BERENTSEN, T. HECKELEI, M. VAN ITTERSUM. and A. OUDE LANSINK. (2010): Assessing the Forecasting Performance of a Generic Bio-Economic Farm Model Calibrated With Two Different PMP Variants, *Journal of Agricultural Economics* 61(2): 274-294.
- HEIDECHE, C. and T. HECKELEI (2010): Impacts of changing water inflow distributions on irrigation and farm income along the Drâa River in Morocco, *Agricultural Economics* 41(2): 135 – 149.
- WIECK, C., T. HECKELEI and A. RUETHER (2010): Aspekte der Agrarpolitik 2009, *German Journal of Agricultural Economics (Agrarwirtschaft)* 59(1): 1-15.
- GÖTZ, C, T. HECKELEI and B. RUDLOFF (2010): What makes countries initiate WTO disputes on food-related issues? *Food Policy* 35(2): 154-162.
- SCHLÜTER S. W., C. WIECK and T. HECKELEI (2009): Regulatory Policies in Meat Trade: Is There Evidence for Least Trade-distorting Sanitary Regulations? *American Journal of Agricultural Economics* 91(5): 1484-1490.
- BERG, E., M. HARTMANN, T. HECKELEI, K. HOLM-MÜLLER, R. NOLTEN and G. SCHIEFER (2009): Risiken in der Agrar- und Ernährungswirtschaft und ihre Bewältigung, *Berichte aus der Landwirtschaft* 87(3): 491-509.

- THEROND, O., H. BELHOUCLETTE, S. JANSSEN, K. LOUHICHI, F. EWERT, J.-E. BERGEZ, J. WERY, T. HECKELEI, J. ALKAN OLSSON, D. LEENHARDT and M. VAN ITTERSUM (2009): Methodology to translate policy assessment problems into scenarios: the example of the SEAMLESS integrated framework , *Environmental Science & Policy* 12(5): 619-630.
- ZIMMERMANN, A., T. HECKELEI and I. PÈREZ DOMINGUEZ (2009): Modelling farm structural change for integrated ex-ante assessment: review of methods and determinants , *Environmental Science & Policy* 12(5): 601-618.
- PÈREZ DOMINGUEZ, I., I. BEZLEPKINA, T. HECKELEI, E. ROMSTAD, A. OUDE LANSINK and A. KANELLOPOULOS (2009): Capturing market impacts of farm level policies: a statistical extrapolation approach using biophysical characteristics and farm resources , *Environmental Science & Policy* 12(5): 588-600.
- EWERT, F., M. VAN ITTERSUM, I. BEZLEPKINA, O. THEROND, E. ANDERSEN, H. BELHOUCLETTE, C. BOCKSTALLER, F. BROUWER, T. HECKELEI, S. JANSSEN, R. KNAPEN, M. KUIPER, K. LOUHICHI, J. ALKAN OLSSON, N. TURPIN, J. WERY, J. E. WIEN and J. WOLF (2009): A methodology for enhanced flexibility of integrated assessment in agriculture , *Environmental Science & Policy* 12(5): 546-561.
- JANSSON, T., and T. HECKELEI, (2009): A new estimator for trade costs and its small sample properties. *Economic Modelling* 26(2): 489-498.
- VAN ITTERSUM, M.K., F. EWERT, T. HECKELEI J. WERY, J. ALKAN OLSSON, E. ANDERSEN, I. BEZLEPKINA, F. BROUWER, M. DONATELLI, G. FLICHMANN, L. OLSSON, A. E. RIZZOLI, T. VAN DER WAL, J. E. WIEN and J. WOLF (2008): Integrated assessment of agricultural systems – A component-based framework for the European Union (SEAMLESS). *Agricultural Systems* 96: 150-165.
- WIECK, C., and T. HECKELEI (2007): Determinants, Differentiation, and Development of Short-term Marginal Costs in Dairy production: An Empirical Analysis for Selected Regions of the EU. *Agricultural Economics* 36(2): 202-220.
- BRITZ, W., T. HECKELEI, I. PÉREZ (2006): Effects of Decoupling on Land Use: An EU wide, regionally differentiated Analysis. *Agrarwirtschaft* 55(5/6): 215-226.
- CHADDAD, F., M. L. COOK, and T. HECKELEI (2005): Testing for the Presence of Financial Constraints in U.S. Agricultural Cooperatives: An Investment Behavior Approach. *Journal of Agricultural Economics* 56(3), 2005: 385-97.
- HILL, B., A. GREER, T. HECKELEI, and P. WITZKE (2004): Agriculture, Forestry and Fisheries. In: H. Compston (ed.), *Handbook of Public Policy in Europe – Britain, France and Germany*, Palgrave MacMillan: 175-193.
- CHOUINARD, H., R. HUFFAKER, T. HECKELEI, and T.I. WAHL (2004): The Marriage between Humanitarian Assistance and Agricultural Interests in U.S. Overseas Aid Programs: Reconcilable Differences? *Journal of Humanitarian Assistance*, <http://www.jha.ac/articles/a136.htm>.
- BRIAND, G., T. HECKELEI, S. C. MATULICH, and R.C. MITTELHAMMER (2004): Managing Fishing Power: The Case of Alaska Red King Crab. *Canadian Journal of Fisheries and Aquatic Sciences* 61(1): 43-53.
- BRITZ, W., T. HECKELEI, and H. WOLFF (2003): Symmetric Positive Equilibrium Problem: A Framework for Rationalizing Economic Behavior with Limited Information: Comment. *American Journal of Agricultural Economics* 85(4):1078-1081.

- HECKELEI T. and H. WOLFF (2003): Estimation of Constrained Optimisation Models for Agricultural Supply Analysis Based on Generalised Maximum Entropy. *European Review of Agricultural Economics*, 30(1):27-50.
- HECKELEI, T. and R. C. MITTELHAMMER (2003): Bayesian Bootstrap Multivariate Regression. *Journal of Econometrics* 112: 241-264.
- BUCHENRIEDER, G., S. von CRAMON-TAUBADEL, T. HECKELEI, P. WEHRHEIM and C. WEISS (2002): Zukunft der agrar- und ernährungsökonomischen Forschung und Lehre. *Agrarwirtschaft* 51(4): 189-191.
- HECKELEI, T., and W. BRITZ (2000): Positive Mathematical Programming with Multiple Data Points: A Cross-Sectional Estimation Procedure. *Cahiers d'Economie et Sociologie Rurales* 57:28-50.
- HECKELEI, T., E. KREBS, C. MÖLLMANN and M.v. LAMPE (1998): Vergleichende Analyse von Projektionen zur Entwicklung des Weizenpreises, *Agrarwirtschaft* 47: 423-428.
- HECKELEI, T., R. C. MITTELHAMMER and T. I. WAHL (1996): Evaluation of Equality and Inequality Restrictions for a Meat Demand System: A Robust Bayesian Bootstrap Approach. Proceedings of the North American Meeting of the International Society for Bayesian Analysis, Chicago.
- HECKELEI, T., and R. C. MITTELHAMMER (1996): Bayesian Bootstrap Inference via Regression Structure Likelihood. In: T.B.Fomby and R.C. Hill (eds.), *Advances in Econometrics* Vol. 11A:179-209.
- HECKELEI, T., WITZKE, H.P. (1995): Gedanken zu Aufgaben und Wettbewerbsfähigkeit der deutschen Agrarökonomie, *Agrarwirtschaft* 43:430-431.

Proceedings and conference contributions / working papers / book chapters

- HECKELEI, T. (2016): Conclusions: The State-of-the-art of Farm Modelling and Promising Directions, in: Shrestha, S., Barnes, A. and Ahmadi, B.V. (eds.), *Farm-Level Modelling: Techniques, Applications and Policy*: 206-213, CABI International, Boston (USA)
- STORM, H., HECKELEI, T. (2016): Direct and indirect spatial interaction of Norwegian farm growth. Selected paper, AAEA annual meeting, July 31 - August 2, Boston.
- GROSCHKE, S., HECKELEI, T. (2016): Directional Volatility Spillovers Between Agricultural, Crude Oil, Real Estate, and Other Financial Markets, in: Kalkuhl, M., von Braun, J. and Torero, M. (eds.), *Food Price Volatility and Its Implications for Food Security and Policy*: 183 - 205, Springer.
- HECKELEI, T. (2015): Model change for Climate Change? Challenges and opportunities for economic modelling, invited paper presented at the MACSUR Conference 2015, "Integrated Climate Risk Assessment in Agriculture & Food, April 8-9, 2015, Reading (UK).
- HECKELEI, T. (2015): Modelling effects of risk and risk management across scales. Presentation at the 29th International conference of Agricultural Economists, 2015, 8th -14th August, Milan (Italy).

- WOLDEYOHANES, T. B., HECKELEI, T., SURRY, Y. (2015): Effect of Off-farm Income on Smallholder Commercialization: Panel Evidence from Rural Households in Ethiopia, selected paper presented at the 29th International conference of Agricultural Economists, 2015, 8th -14th August, Milan (Italy).
- ADENÄUER, M., BRITZ, W., HECKELEI, T. (2014): FAOSTAT Data Bases for Agriculture: An (economic modeling) User's perspective, selected paper presented at the Global Land Project 2nd Open Science Meeting, Session No 76, Berlin – 21.03.2014, Berlin (Germany).
- GROSCHE, S., HECKELEI, T. (2014): Price dynamics and financialization effects in corn futures markets with heterogeneous traders. Food and Resource Economics Discussion Paper 2014:5, University of Bonn.
- GROSCHE, S., HECKELEI, T. (2014): Directional Volatility Spillovers between Agricultural, Crude Oil, Real Estate and other Financial Markets. Food and Resource Economics Discussion Paper 2014:4, University of Bonn.
- HECKELEI, T. (2014): New Market Modelling Approaches for Policy Analysis, invited paper presented at the 54. GEWISOLA-Tagung "Neuere Theorien und Methoden in den Wirtschafts- und Sozialwissenschaften des Landbaus", September 17 - 19, 2014, Göttingen (Germany).
- HECKELEI, T. (2014): Volatility and Dynamics in Agricultural and Trade Policy Impact Assessment – Modelling Advances Needed, selected paper presented at the IATRC Annual Meeting "Food and Resources: Conflict and Trade", December 7-9, San Diego, CA (USA).
- JANSSON, T., HECKELEI, T., GOCHT, A., BASNET, S., ZHANG, Y., NEUENFELDT, S. (2014): Analysing Impacts of Changing Price Variability with Estimated Farm Risk-programming Models, selected paper presented at the EAAE 2014 Congress "Agri-Food and Rural Innovations for Healthier Societies", August 26-29, Ljubljana (Slovenia).
- ZAVELBERG, Y., WIECK, C., HECKELEI, T. (2014): Entry deterring effects of contractual relations in the dairy processing sector. Food and Resource Economics Discussion Paper 2014:3, University of Bonn.
- BRITZ, W., ADENÄUER, M. AND HECKELEI, T. (2013): Exploring New Ideas for Trade and Agriculture Model Integration for Assessing the Impacts of Climate Change on Food Security selected paper presented at the International Workshop "Food Security Assessment with CAPRI", March 3-5,2013, Haifa (Israel).
- HECKELEI, T. (2012): Global Data Bases for Trade and Development: A User's Perspective invited paper presented at the Pre-Conference Workshop „Global Data Bases for Trade and Development“ 26.September 2012, 52nd GEWISOLA, September 26 - 28, 2012, Hohenheim (Germany).
- HEIDECHE, C., HECKELEI, T. (2012): The impact of water pricing in an arid river basin in Morocco considering the conjunctive use of ground- and surface water, water quality aspects and climate change, in: Bogardi, J. J., Leentvaar, J. and Nachtnebel, H.-P. (eds.): River Basins and Change.: 85-90, GWSP, Bonn.
- ZIMMERMANN, A., HECKELEI, T. (2012): Differences of farm structural change across European regions. Food and Resource Economics Discussion Paper 2012:4, University of Bonn.

- STORM, H. UND HECKELEI, T. (2011): Bayesian estimation of non-stationary Markov models combining micro and macro data, selected paper presented at the 2011 EAAE PhD Workshop, April 27-29, 2011, Nitra (Slovak Republic).
- STORM, H. UND HECKELEI, T. (2011): Bayesian estimation of non-stationary Markov models combining micro and macro data, Poster presented at the 2011 AAEA Annual Meetings, July 24-26, 2011, Pittsburgh (USA).
- GÖTZ, C., HECKELEI, T. (2011): Determinants of Bilateral Food Related Disputes. Food and Resource Economics Discussion Paper 2011:3, University of Bonn.
- STORM, H., HECKELEI, T., MITTELHAMMER, R. (2011): Bayesian estimation of non-stationary Markov models combining micro and macro data. Food and Resource Economics Discussion Paper 2011:2, University of Bonn.
- VAN ITTERSUM, M., HECKELEI, T., OUDE LANSINK, A., WOLF, J., KANELLOPOULOS, A. UND BRITZ, W. (2011): Methodological and empirical progress and challenges integrated assessment of agricultural systems and policies, selected paper presented at the 122nd EAAE Seminar "Evidence-based Agricultural and Rural Policy Making: Methodological and Empirical Challenges of Policy Evaluation", February 17-18, 2011, Ancona (Italy).
- VAN ITTERSUM, M., HECKELEI, T., OUDE LANSINK, A., WOLF, J., KANELLOPOULOS, A. UND BRITZ, W. (2011): Methodological and empirical progress and challenges integrated assessment of agricultural systems and policies, selected paper presented at the European Association of Agricultural Economics Conference 2011, August 30th - September 2nd, 2011, Zurich (Switzerland).
- BRITZ, W., I. PÉREZ DOMINGUEZ AND T. HECKELEI (2010): A Comparison of CAPRI and SEAMLESS-IF as Integrated Modelling Systems, in: Brouwer, F.M., van Ittersum, M. (eds.), Environmental and Agricultural Modelling: Integrated Approaches for Policy Impact Assessment, p. 257-274, Springer.
- CHRISTOPH, M., B. DIECKKRÜGER, H. GOLDBACH, T. HECKELEI, B. REICHERT, M. RÖSSLER AND P. SPETH (2010): Impacts of Global Change on the hydrological cycle in West and Northwest Africa, selected paper presented at the 200th Anniversary of the Humboldt University of Berlin, Nova Acta Leopoldina NF 112, Nr. 384, 193-200.
- ZIMMERMANN, A. AND T. HECKELEI (2010): Structural change of European dairy farms - A cross-regional analysis, selected paper presented at the 114th EAAE seminar on Structural Change in Agriculture: Modeling Policy Impacts and Farm Strategies, April 15-16, Berlin (Germany).
- GÖTZ, C. AND T. HECKELEI (2010): Determinants of bilateral food relates disputes, selected paper presented at the Agricultural & Applied Economics Association's 2010 AAEA & ACCI Joint Annual Meeting, July 25-27, 2010, Denver (USA).
- LOUHICHI, K., S. JANSSEN, A. KANELLOPOULOS, H. LI, N. BORKOWSKI, G. FLICHMANN, H. HENGSDIJK, P. ZANDER, M. BLANCO, G. STOKSTAD, I. ATHANASIADIS, A. E. RIZZOLI, D. HUBER, T. HECKELEI AND M. VAN ITTERSUM (2010): A Generic Farming System Simulator, , in: Brouwer F. M., van Ittersum Martin (eds.), Environmental and Agricultural Modelling: Integrated Approaches for Policy Impact Assessment, p. 109-132, Springer.

- JANSSON, T. AND T. HECKELEI (2010): Estimation of Parameters of Constrained Optimization Models, in: Beladi, H. and Choi, E.K. (eds.) *Frontiers of Economics and Globalization*, Vol. 7, p. 1-26, Emerald Group Publishing Limited.
- FINK, A., M. CHRISTOPH, V. ERMERT, A. KUHN, T. HECKELEI AND B. DIECKKRÜGER (2010): Impacts of Global Change south of the Sahara, in: Speth, P., Christoph, M., Dieckkrüger, B. (eds.), *Impacts of Global Change in the Hydrological Cycle in West and Northwest Africa*, p. 16-23, Springer-Verlag, Berlin.
- FINK, A., M. CHRISTOPH, B. DIECKKRÜGER, B. REICHERT, A. KUHN AND T. HECKELEI (2010): Impacts of Global Change north of the Sahara, , in: Speth, P., Christoph, M., Dieckkrüger, B. (eds.), *Impacts of Global Change in the Hydrological Cycle in West and Northwest Africa*, p. 24-28, Springer-Verlag, Berlin.
- KUHN, A. AND T. HECKELEI (2010): Anthroposphere, , in: Speth, P., Christoph, M., Dieckkrüger, B. (eds.), *Impacts of Global Change in the Hydrological Cycle in West and Northwest Africa*, p. 284, Springer-Verlag, Berlin.
- STORM, H., HECKELEI, T., HEIDECHE, C. (2010): Demand Estimation for Irrigation Water in the Moroccan Drâa Valley using Contingent Valuation. *Food and Resource Economics Discussion Paper 2010:1*, University of Bonn.
- WIECK, C., T. HECKELEI and A. RUETHER (2010): Aspekte der Agrarpolitik 2009, *German Journal of Agricultural Economics (Agrarwirtschaft)* 59, p. 1-15.
- JANSSEN, S., K. LOUHICHI, A. KANELLOPOULOS, P. ZANDER, G. FLICHMANN, H. HENGSDIJK, H. LI, T. HECKELEI, G. STOKSTAD, N. BORKOWSKI, M. HECKER, A. OUDE LANSINK, M. BLANCO, E. MEUTER and M. VAN ITTERSUM (2009): Farming Systems SIMulator: First generic bio-economic farm model , in: *Integrated Assessment of Agriculture and Sustainable Development (AgSAP)*, 10-12 March, 2009, Egmont an Zee (The Netherlands), p. 256-257.
- ZIMMERMANN, A. and T. HECKELEI (2009): Farm structural change in European regions , in: *Integrated Assessment of Agriculture and Sustainable Development (AgSAP)*, 10-12 March, 2009, Egmont an Zee (The Netherlands), p. 168-169.
- EWERT, F., M. VAN ITTERSUM, I. BEZLEPKINA, O. THEROND, E. ANDERSEN, H. BELHOUCHE, C. BOCKSTALLER, F. BROUWER, T. HECKELEI, S. JANSSEN, B. JONSSON, M.J.R. KNAPEN, M. KUIPER, K. LOUHICHI, J. ALKAN OLSSON, L. RUINELLI, A. EMILIO RIZZOLI, N. TURPIN, J. WERY, J. E. WIEN and J. WOLF (2009): A methodology for enhanced flexibility of integrated assessment of policy impacts in agriculture , in: *Integrated Assessment of Agriculture and Sustainable Development (AgSAP)*, 10-12 March, 2009, Egmont an Zee (The Netherlands), p. 130-131
- PÉREZ DOMINGUEZ, I., I. BEZLEPKINA, A. KANELLOPOULOS, T. HECKELEI and A. OUDE LANSINK (2009): EXPAMOD – connecting the farm and market levels , in: *Integrated Assessment of Agriculture and Sustainable Development (AgSAP)*, 10-12 March, 2009, Egmont an Zee (The Netherlands), p. 58-59.
- EWERT, F., M. VAN ITTERSUM, O. THEROND, I. BEZLEPKINA, E. ANDERSEN, T. HECKELEI and G. FLICHMANN (2009): Complex scaling issues in integrated assessment modelling: Approaches used and their integration into SEAMLESS-IF , in: *Integrated Assessment of Agriculture and Sustainable Development (AgSAP)*, 10-12 March, 2009, Egmont an Zee (The Netherlands), p. 56-57.

- MARTIN VAN ITTERSUM, FRANK EWERT, ERLING ANDERSEN, FLOOR BROUWER, THOMAS HECKELEI, JOHANNA ALKAN OLSSON, JACQUES WERY and JAN ERIK WIEN (2009): Integrated assessment of agricultural systems: On integrated science and science integration , in: Integrated Assessment of Agriculture and Sustainable Development (AgSAP), 10-12 March, 2009, Egmont aan Zee, (The Netherlands), p. 6-7.
- CHRISTINE WIECK, DOMINIK FORTENBACHER and THOMAS HECKELEI (2009): Aspekte der Agrarpolitik 2008 , *Agrarwirtschaft* 58, p. 1-14.
- Schlüter, S. W., Wieck, C., Heckeley, T. (2009): Regulatory SPS instruments in meat trade. Food and Resource Economics Discussion Paper 2009:1, University of Bonn.
- BRITZ, W. and T. HECKELEI (2008): Recent Development in EU Policies - Challenges for Partial Equilibrium Models, invited paper presented at the 107th EAAE Seminar „Modeling of Agricultural and Rural Development Policies”. January 29 -February 1st Sevilla, Spain.
- WEIßLEDER, L., M. ADENÄUER, and T. HECKELEI (2008): Impact assessment of trade liberalisation between EU and Mercosur countries, selected paper presented at the 107th EAAE Seminar „Modeling of Agricultural and Rural Development Policies”. January 29th -February 1st, Sevilla, Spain.
- GÖTZ, C., T. HECKELEI and B. RUDLOFF (2008): What makes countries initiate WTO disputes on food-related issues?, selected paper presented at the 48. Jahrestagung der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues e.V., September 24 - 26 Bonn, Germany.
- RUDLOFF, B., T. HECKELEI und S. RASCH (2008): Aspekte der Agrarpolitik 2007. *Agrarwirtschaft* 57(1): 1-14
- Heckeley, T., Mittelhammer, R., Jansson, T. (2008): A Bayesian Alternative to Generalized Cross Entropy Solutions for Underdetermined Econometric Models. Food and Resource Economics Discussion Paper 2008:2, University of Bonn.
- Götz, C., Heckeley, T., Rudloff, B. (2008): What makes countries initiate WTO disputes on food-related issues?. Food and Resource Economics Discussion Paper 2008:1, University of Bonn.
- WIECK C. and T. HECKELEI (2007): Parametric or nonparametric regression approaches to the estimation of marginal costs in dairy production? A comparison of estimation results, selected paper presented at the AAEA Annual Meeting, Portland, OR, USA.
- BRITZ, W., T. HECKELEI, F. JUNKER and I. PEREZ (2007): Analyse der Auswirkungen von Handlungspolitikszenarien auf die landwirtschaftlichen Märkte, in: Tagungsband der 19. und 20. Wissenschaftlichen Fachtagung: Landwirtschaft 2015, 10-22
- KEMPEN, M., T. HECKELEI and W. BRITZ (2006): Validation of Spatially Explicit Land Use Choices Based On Probabilistic Theory, selected paper presented at the International Conference on Regional and Urban Modeling, June 1-2, 2006 Brussels, Belgium.

- HECKELEI, T., R. C. MITTELHAMMER and W. BRITZ (2005): A Bayesian Alternative to Generalized Cross Entropy Solutions to Underdetermined Models. Contributed paper presented at the 89th EAAE Symposium „Modelling Agricultural Policies: State of the Art and New Challenges“, February 3-5, Parma, Italy.
- HECKELEI, T. and W. BRITZ (2005): Models based on Positive Mathematical Programming: State of the Art and Further Extensions. in: Modelling Agricultural Policies: State of the Art and New Challenges, Proceedings of the 89th European Seminar of the EAAE, Parma, Italy, February 3-5, 2005, 48-73.
- ADENÄUER, M. and T. HECKELEI (2005): Economic Incentives to Supply Sugar Beet in Europe. in: Modelling Agricultural Policies: State of the Art and New Challenges, Proceedings of the 89th European Seminar of the EAAE, February 3-5, 2005, p. 588-608, Parma, (Italy).
- KEMPEN, M., T. HECKELEI, W. BRITZ (2005): A Statistical Approach for Spatial Disaggregation of Crop Production in the EU. in: Modelling Agricultural Policies: State of the Art and New Challenges, Proceedings of the 89th European Seminar of the EAAE, Parma, Italy, February 3-5, 2005, 810-830.
- WOLFF, H., T. HECKELEI, and R.C. MITTELHAMMER (2004): Imposing Monotonicity and Curvature on Flexible Functional Forms. Paper presented at the annual meeting of the American Agricultural Economics Association, Denver, July 2004.
- WIECK, C., T. HECKELEI (2004): Development of Marginal Cost Distributions in Dairy Production Regions of the EU. Paper presented at the annual meeting of the American Agricultural Economics Association, July 2004, Denver (USA).
- XI, J., R.C. MITTELHAMMER, and T. HECKELEI (2004): A QUAIDS Model of Japanese Meat Demand. Paper presented at the annual meeting of the American Agricultural Economics Association, Denver, July 2004.
- JANSSON, T. and T. HECKELEI (2004). Estimation of a transportation model using a mathematical program with equilibrium constraints. Paper presented at the 7th Annual Conference on Global Economic Analysis, June 17-19, 2004, World Bank, Washington D.C., GTAP resource 1501.
- CHOUINARD, H., T. HECKELEI, R. HUFFAKER, and T.I. WAHL (2003): The Law and Economics of Federal-Reserve Wheat Held in Private Storage Warehouses. Paper presented at the annual meetings of the Western Agricultural Economics Association, Denver, July.
- BRIAND, G., T. HECKELEI, S. C. MATULICH, and R.C. MITTELHAMMER (2003): Efficiency and Equity of Pot Limits: The Case of Alaska Red King Crab. Presentation at the North American Association of Fisheries Economists Forum, Williamsburg, Virginia, May 4-7.
- CHADDAD, F. and T. HECKELEI (2003): Access to Capital and Firm-Level Investment Behavior in Food Industries: A Comparison of Cooperatives and Publicly Traded Firms. Paper presented at the annual meeting of the American Agricultural Economics Association, Montreal, July 2003.
- XI, J., T. HECKELEI, and R.C. MITTELHAMMER (2003): Semiparametric Bayesian Analysis of Simultaneous Systems With an Application to Japanese Meat Demand. Paper presented at the annual meeting of the American Agricultural Economics Association, Montreal, July 2003.

- HECKELEI, T. and R.C. MITTELHAMMER (2002): Simultaneous Equations Bayesian Bootstrap. Paper presented at the Annual Meeting of the American Agricultural Economics Association, Long Beach, July 2002.
- WITZKE, H.P. and T. HECKELEI (2002): EU Sugar Policy Reform: Quota Reduction and Devaluation. Paper presented at the Annual Meeting of the American Agricultural Economics Association, Long Beach, July 2002.
- HECKELEI T. and H. WOLFF (2001): Ansätze zur (Auf-)lösung eines alten Methodenstreits: Ökonometrische Spezifikation von Programmierungsmodellen zur Agrarangebotsanalyse. Paper presented at the 41st annual meeting of the German association of agricultural economists (Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues –GeWiSoLa), Braunschweig.
- HECKELEI, T., and W. BRITZ (2001): Concept and Explorative Application of an EU-wide Regional Agricultural Sector Model (CAPRI-Projekt). In: Heckelei, T., H.P. Witzke, and W. Henrichsmeyer (Eds.): *Agricultural Sector Modelling and Policy Information Systems*. Proceedings of the 65th EAAE Seminar, March 29-31, 2000 at Bonn University, Vauk Verlag Kiel, pp. 281-290.
- HECKELEI, T., H.P. WITZKE, and W. HENRICHSMEYER (Eds.) (2001): Agricultural Sector Modelling and Policy Information Systems. Proceedings of the 65th EAAE Seminar, March 29-31, 2000 at Bonn University, Vauk Verlag Kiel.
- BRITZ, W. and T. HECKELEI (2000): Effekte von Agenda 2000 auf den Deutschen und Französischen Agrarsektor - Anwendung des regionalisierten Modellsystems CAPRI. Paper presented at the joint meeting of the German and French Agricultural Economics Associations, Strasbourg, August 2000.
- HECKELEI, T., and W. BRITZ (2000): A Cross Sectional Maximum Entropy Estimation of Cost Functions for Regional Programming Models. Paper presented at the Conference of the International Association of Agricultural Economists (IAAE) in Berlin, August 2000.
- SANDER, R., H. WOLFF, W. BRITZ, und T. HECKELEI (2000): Die Veränderung der Regionalen Wettbewerbsfähigkeit der Ölsaaten- und Getreideproduktion unter dem Einfluss der GAP-Reform 1992 – Analyse auf Grundlage einer EU-weiten Regionalisierten Datenbasis. In: Wettbewerbsfähigkeit und Unternehmertum in der Land- und Ernährungswirtschaft. *Schriften der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues e.V.*, Band 37, S. 21-28, Münster-Hiltrup
- HECKELEI, T., and W. BRITZ (1999): Maximum Entropy Specification of PMP in CAPRI. CAPRI - working paper 99-08, Institute of Agricultural Policy, University of Bonn.
- BRITZ, W. and HECKELEI, T. (1999): Calibration of feed requirements and price determination of feed in CAPRI. CAPRI - working paper 99-06, Institute of Agricultural Policy, University of Bonn.
- HECKELEI, T. (1998): Quantitative Modelle als Grundlage des Politikdialogs. In: *Agrarwirtschaft in der Informationsgesellschaft*. *Schriften der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues e.V.*, Band 35, S. 39-47, Münster-Hiltrup.

- HECKELEI, T., E. KREBS, C. MÖLLMANN and M.v. LAMPE (1998): Comparative Analysis of World Market Projections with Special Regard to Wheat Prices. Agricultural and Resource Economics, Discussion Paper 98-02, Institute of Agricultural Policy, University of Bonn.
- HECKELEI, T. (1997): Positive Mathematical Programming: Review of the Standard Approach. CAPRI - working paper 97-03, Institute of Agricultural Policy, University of Bonn.
- HECKELEI, T., R. C. MITTELHAMMER and T.I. WAHL (1997): Bayesian Analysis of a Japanese Meat Demand System: A Robust Likelihood Approach. Agricultural and Resource Economics, Discussion Paper 97-01, Institute of Agricultural Policy, University of Bonn
- BRITZ, W. and HECKELEI, T. (1997): Pre-study for a medium-term simulation and forecast model of the agricultural sector for the EU. CAPRI - working paper 97-01, Institute of Agricultural Policy, University of Bonn.
- HECKELEI, T. (1997): Generic Robust Bayesian Regression. Presentation at the Econometrics Seminar of the Center of Operations Research and Econometrics (CORE), Catholic University of Leuven, Louvain-la-Neuve, Belgium.
- WITZKE, H.P., and T. HECKELEI (1997): Betrieblicher Strukturwandel unter dem Einfluß ökonomischer Rahmenbedingungen. In: Land- und Ernährungswirtschaft in einer erweiterten EU, *Schriften der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues*, Münster-Hiltrup, Band 34, S.279-287.
- HECKELEI, T., R. C. MITTELHAMMER and T.I. WAHL (1996a): Robust Bayesian Analysis of a Japanese Meat Demand System, Paper presented at the VIIIth Congress of the European Association of Agricultural Economists, Edinburgh.
- HECKELEI, T., R. C. MITTELHAMMER and T. I. WAHL (1996b): Evaluation of Equality and Inequality Restrictions for a Meat Demand System: A Robust Bayesian Bootstrap Approach. Paper presented at the North American Meeting of the International Society for Bayesian Analysis, Chicago.
- WITZKE, H.P., HECKELEI, T. (1996): Adjustment Cost and Partial Adjustment Models for German Agriculture. In: Märkte der Agrar-und Ernährungswirtschaft, *Schriften der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues*, Band 33, S.125-137, Münster-Hiltrup.
- HECKELEI, T., R. C. MITTELHAMMER (1994): Robust Bayesian Bootstrap Regression. Paper presented at the annual Meeting of the American Agricultural Economics Association, San Diego.

Degree-related publications

- HECKELEI, T. (2002): Calibration and Estimation of Programming Models for Agricultural Supply Analysis. Habilitation Thesis, University of Bonn, Germany.
- HECKELEI, T. (1995): Robust Bayesian Estimation of Econometric Models: Theory and Application. Ph.D. Thesis, Washington State University.
- HECKELEI, T. (1990): Economic Efficiency in Water Resource Allocation. Special Project for Masters Degree. Washington State University.

HECKELEI, T. (1989): Handelsintensitäten als Instrument zur Analyse bilateraler Handelsströme am Beispiel des EG-Weizenhandels. Diplom Thesis, University of Bonn.