

## Curriculum Vitae

Name: Thomas Heckelei  
Address: Mittweidaer Str. 2, D-53332 Bornheim  
Date of birth: 11/18/1963  
Current Position: Professor, Institute of Agricultural Policy,  
Market Research, and Economic Sociology,  
University of Bonn



### Education

- Habilitation, University of Bonn, 2002
- Ph.D. Agricultural Economics and Economics at Washington State University, Pullman, August 1995
- "Diplom" in Agricultural Economics and Rural Sociology at University of Bonn, 1991
- Masters of Arts in Agricultural Economics at Washington State University, Pullman, 1990

### Areas of Interest

- Quantitative Agricultural Policy Analysis (general program evaluation with respect to commodity, environmental and international trade policies)
- Methodology in Quantitative Economics, especially Econometrics

### Academic Positions

- 1996 – 2001: Assistant professor (“Hochschulassistent”), University of Bonn
- February 2002 – July 2003: Assistant professor at the IMPACT Center/Department of Agricultural and Resource Economics, Washington State University,
- August 2003 – today: Currently: Professor, Institute of Agricultural Policy, Market Research, and Economic Sociology, University of Bonn

## Honors and Memberships

- Exchange scholarship between Washington State University and University of Bonn, (WSU, Fall 89 and Spring 90).
- Outstanding graduation award for best Diplom in Agricultural Economics at the University of Bonn, Spring 1991.
- Scholarship of the German Academic Exchange Service (DAAD) for participation in the Ph.D.-Program at Washington State University, 1992/1993
- Stipend of the "Deutsche Forschungsgemeinschaft" (DFG, German Research Foundation) in support of research on Positive Mathematical Programming models: September 2000 – August 2001
- American Agricultural Economics Association (AAEA)
- European Association of Agricultural Economists (EAAE)
- German Association of Agricultural Economists (GeWiSoLa)

## Publications

### *Peer reviewed*

- BRITZ, W., T. HECKELEI, and H. WOLFF (2003): Symmetric Positive Equilibrium Problem: A Framework for Rationalizing Economic Behavior with Limited Information: Comment. Forthcoming in the *American Journal of Agricultural Economics*.
- 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), pp.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), pp-28-50.
- HECKELEI, T. , E. KREBS, C. MÖLLMANN and M.v. LAMPE (1998): Vergleichende Analyse von Projektionen zur Entwicklung des Weizenpreises, *Agrarwirtschaft* (47), S.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, pp. 179-209.
- HECKELEI, T., WITZKE, H.P. (1995): Gedanken zu Aufgaben und Wettbewerbsfähigkeit der deutschen Agrarökonomie, *Agrarwirtschaft* (43), S. 430-431.

*Proceedings and conference contributions*

- 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.
- 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.(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 41<sup>st</sup> 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: Heckeley, T., H.P. Witzke, and W. Henrichsmeyer (Eds.): *Agricultural Sector Modelling and Policy Information Systems*. Proceedings of the 65<sup>th</sup> 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 65<sup>th</sup> EAAE Seminar, March 29-31, 2000 at Bonn University, Vauk Verlag Kiel, pp. 282-291.
- 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. (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. (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.

#### *Working papers*

- 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. , 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.

#### *Project reports and other publications*

- HECKELEI, T. (2002): Calibration and Estimation of Programming Models for Agricultural Supply Analysis. Habilitation Thesis, University of Bonn, Germany.

- HECKELEI, T., and W. BRITZ (1998): Estimation of Gross-Margins Elasticities for the SPEL/EU-MFSS Model. Final report for contract no. SOEC 781400001, Statistical Office of the European Communities, October 1998.
- 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.