



## GTAP Related Activities:

Below is a short summary of GTAP related research activities of the Division of International Trade and Food Security and the Division of Agricultural and Food Policy of the University of Hohenheim in 2014/15.

### Publications:

Brockmeier, M. and Bektasoglu B. (2014): Model Structure or Data Aggregation Level: Which Leads to Greater Bias of Results? *Economic Modelling*, 38: 238-245.

BROCKMEIER, M., ENGELBERT, T. PELIKAN, J. (2014), IMPACTS OF THE EU-USA-FREE TRADE AGREEMENT ON DEVELOPING COUNTRIES. IN: HARTMANN, M. UND HESSE, J.W. (HRSG.), AGRICULTURE AND FOOD IN THE 21ST CENTURY. ECONOMIC, ENVIRONMENTAL AND SOCIAL CHALLENGES. 107-129.

Brockmeier, M and Engelbert, T. (2014): EU-US Freihandelszone – Bedeutung für den globalen Weltagrarhandel. *Weltagrarhandel Wer profitiert? Wer verliert?* Buch zur Wintertagung 2014 in München: 83-96.

Brockmeier, M. and Bektasoglu B. (2014): Model Structure or Data Aggregation Level: Which Leads to Greater Bias of Results? *Economic Modelling*, 38: 238-245.

Engelbert, T., Bektasoglu, B. and Brockmeier, M. (2014): Moving toward the EU or the Middle East? An assessment of Alternative Turkish Foreign Policies Utilizing the GTAP Framework. *Food Policy* 47: 46-61.

Siddig, K. and Luckmann, J. (2015). GTAP 9.0 Data Base Documentation - Chapter 7: Nigeria. Center for Global Trade Analysis, Purdue University, USA.

Siddig, K. and Grethe, H. (2014). No more gas from Egypt? Modeling offshore discoveries and import uncertainty of natural gas in Israel. *Applied Energy*, Vol.136, 31 December 2014, pages 312–324.

Siddig, K., Aguiar, A., Grethe, H., Minor, P. and Walmsley, T. (2014). Impacts of removing fuel import subsidies in Nigeria on poverty. *Energy Policy*, Vol. 69 (2014), pages 165-178.

Siddig, K. (2014). Oil crisis and the potential role of agriculture in the post-separation of Sudan. *Emirate Journal of Food and Agriculture*, Vol. 26, issue 8, pages 458-470.

Visitor address:  
UNIVERSITY OF HOHENHEIM

Wollgrasweg 43

70599 Stuttgart

Germany

[www.uni-hohenheim.de/english](http://www.uni-hohenheim.de/english)

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Urban, K. Jensen, H.G. and Brockmeier, M. (2014): Extending the GTAP Model and Database to cover Domestic Support Issues using the EU as Example. In: GTAP Technical Paper Series No. 35.

Yang, F.; Brockmeier, M.; Bekkers, E.; Francois, J. (2015): Food Price Pass-Through and the Role of Domestic Margin Services. *Journal of Agricultural Economics*, 66, doi: 10.1111/1477-9552.12110

### **Projects:**

Brockmeier, M. Bektasoglu, B., (2010 to 2015) How should Model Linkages be Designed to Analyze the Effects of Global Agricultural Trade Liberalization at the Farm Level? Deutsche Forschungsgemeinschaft (DFG, German Research Foundation),

Brockmeier, M., Engelbert, T., Urban, K., (2015), Effects of the Transatlantic Trade and Investmentpartnership (TTIP) between the EU and the US on the German Food and Agricultural Sector. Edmund Rehwinkel Stiftung der Rentenbank

### **Lectures:**

Brockmeier, M. and Urban K. (2013/2014): International Food and Agricultural Trade, University of Hohenheim, Germany.

Brockmeier, M. and Urban K. (2015): International Food and Agricultural Trade, University of Hohenheim, Germany.

### **Presentations:**

Agbahey, J., Siddig, K. and Grethe, H. (2015). Access to Israeli Labor Markets: Effects on the West Bank Economy. Presentation at the 18th annual conference on global economic analysis, Melbourne, Australia.

Bektasoglu, B. (2014): The Effect of Aggregation Bias: an NTB-Modeling Exercise for Turkey's Agro-food Trade with the EU. Presentation at the 17<sup>th</sup> annual conference on global economic analysis, Dakar, Senegal.

Bektasoglu, B. (2015): Assessing the Impact of Data Disaggregation Level and Non-Tariff Barriers in Regional Trade Agreements Utilizing the Global Trade Analysis Project. Disputation, June, 3<sup>rd</sup>.

Brockmeier, M. (2014): Effects of a Transatlantic Free Trade Agreement between the EU and US on Developing Countries. Presentation, IAMO Forum, 25-27 Juni 2024, Halle, Germany.

Brockmeier, M. (2014) EU-US-Freihandelszone Bedeutung für den globalen Agrarhandel, DLG,Wintertagung 2014, January 15th, München Germany.

- Engelbert, T. (2015): Assessment of Non-Tariff Barriers in Food and Agricultural Trade – An Empirical Approach. Disputation, June, 8th.
- Grethe, H. and Siddig, K. (2014). The Impact of Regionally Differentiated Climate Change on Agricultural Markets in Ethiopia: Combining Climate and Economic Models Presentation at the 17<sup>th</sup> annual conference on global economic analysis, Dakar, Senegal.
- Luckmann, J., Grethe, H. and McDonald, S. (2015). When Water Saving Limits Recycling: Modeling Cascading Water Use in a Computable General Equilibrium Framework. Presentation at the 18th annual conference on global economic analysis, Melbourne, Australia.
- Siddig, K. and Grethe, H. (2015). Wheat Import Subsidies in the Sudan: Problems and Alternative Policy Options for Poverty Alleviation. Presentation at the 18th annual conference on global economic analysis, Melbourne, Australia.
- Urban, K. (2014): Reconciling WTO boxes and PSE data in the GTAP framework to calculate indicators for domestic support. Presentation at the 16<sup>th</sup> annual conference, ETSG, Munich, Germany.
- Urban, K. (2015): Domestic Support Payments and Trade Distortions: The Neglected Issue in Global General Equilibrium Modeling. Disputation, May, 19th.
- Urban, K. (2015): Measuring Trade Restrictiveness of Domestic Support, Invited Presentation, Agricultural Economics Seminar, University of Göttingen, Germany, April, 21<sup>st</sup>.
- Urban, K. (2015): Trade effects of EU domestic support. Presentation at the JRC IPTS workshop on “EU agricultural domestic support in economic modeling”, Sevilla, Spain, June, 3<sup>rd</sup>.
- Urban, K. (2015): Evaluating the Effect of Domestic Support on International Trade: A Mercantilist Trade Restrictiveness Approach. Presentation at the 18<sup>th</sup> annual conference on global economic analysis, Melbourne, Australia.
- Yang, F. (2014): Agricultural Market Integration of China and its Implications for Food Security. Presentation at the 17<sup>th</sup> annual conference on global economic analysis, Dakar, Senegal.
- Yang, F. (2014): Food price transmission from world to domestic market in China under growing agricultural support. Presentation at the CAER-IFPRI annual international conference “Resource Constraints and Sustainable Food System in China”, Yanglin, Shannxi, China.