



GTAP Related Activities

The Johann Heinrich von Thünen-Institut (vTI) was founded in January 2008. It evolved from the German Federal Research Centre for Fisheries, the German Federal Research Centre for Forestry and Forest Products and parts of the German Federal Agricultural Research Centre (FAL). The vTI (FAL) has been a member of the GTAP consortium since 1999 and uses GTAP for a range of research activities including issues related to EU agricultural policy and international trade in agricultural and food products and environmental issues.

Below is a short summary of GTAP related research activities of the vTI (FAL) in 2007/2008.

Publications:

BROCKMEIER, M. and PELIKAN, J. (2008), Agricultural Market Access: A Moving Target in the WTO Negotiations, *Food Policy*, 33 (3), pp. 250-259

BROCKMEIER, M., PELIKAN, J. and KLEPPER, R. (2008), The WTO negotiations and the CAP (Die WTO-Verhandlungen und die GAP). *Agrarwirtschaft* 57 (3), pp. 165-177

STRUVE, C., HENNING, C.H.C.A. and BROCKMEIER, M. (2008), The Logic of the European Agricultural Policy: Political Power or Economic Legality? (Die Logik der Europäischen Agrarpolitik: Politische Macht oder ökonomische Gesetzmäßigkeiten?) *Agrarwirtschaft* 57 (3/4), pp. 179-193.

BROCKMEIER, M., KLEPPER, R. and PELIKAN, J. (2007), Agricultural Market Access of Canada and the EU in the WTO negotiations. Conference paper: Agricultural Policy Changes: Canada, EU and the World Trade Organization, June 7 – 9, Victoria, Canada

PELIKAN, J. and BROCKMEIER, M. (2007), To what Extent do Tariff Aggregation Measures Influence the Outcome of Empirical Analyses? - An Application to Canada and the EU - Conference paper: Agricultural Policy Changes: Canada, EU and the World Trade Organization, June 7 – 9, Victoria, Canada

PELIKAN, J. and BROCKMEIER, M. (2007), Methods to Aggregate Import Tariffs and their Impacts on Modeling Results. Conference paper: Tenth Annual Conference on Global Economic Analysis, June 7 – 9, Purdue, USA

PELIKAN, J. (2008), Dissertation Report: Measuring the Impacts of the Doha Round: A Sensitivity Analysis on Different Tariff Aggregation Methods. IATRC Winter Meeting, January 7 –9, Washington D.C., USA

PELIKAN, J. and BROCKMEIER, M. (2008), In the jungle of import tariffs: The importance of the implemented measure to aggregate import tariffs (Im Dschungel der Importzölle: Die Bedeutung der verwendeten Methodik bei der Aggregation von Importzöllen), *Agrarwirtschaft* 57 (2): 119-129.

GONZALEZ-MELLADO, A. (2007), Efectos de la apertura comercial en los hogares mexicanos. *Comercio Exterior* 57(7), Mexico.

WALSH, K., BROCKMEIER, M. and MATTHEWS, A. (2007), Implications of Domestic Support Disciplines for Further Agricultural Trade Liberalization. *Journal of International Agricultural Trade and Development* 3 (2): 173-199.

Projects:

1. BMELV (Ministry of Food, Agriculture and Consumer Protection) project to implement tariff cuts at the negotiation level. Main activities:
 - Develop a SAS based tool for a flexible calculation of WTO tariff cuts in the tariff data base at the 6-digit HS level.
 - Analyze the impacts of different tariff aggregation methods (import weighting, TRI, MTRI) and includes these options in the SAS tool.
2. DFG (German Research Community; Deutsche Forschungsgemeinschaft) Research Group project: Effects of the WTO Negotiation on Global, National and Farm Level. Main activities:
 - Extensions of the GTAP to improve the modeling of domestic support, particularly AMS.
 - Extensions of FARMIS (Farm Modeling Information System; a sector model which is highly differentiated at the farm level) to better capture structural change (termination and acquisition of farms)
 - Development of a consistent interface between GTAP and FARMIS including a further disaggregation of the GTAP data base.
3. BMELV (Ministry of Food, Agriculture and Consumer Protection) project to implement Bioenergy in GTAP. Main activities:
 - Disaggregation of commodity markets employed in bioenergy production and corresponding adaptation of the GTAP model
 - Implementation of national, EU and international bioenergy policies
4. DAAD (German Academic Exchange Service) and CONACYT (Mexican National Science and Technology Council) Ph.D.-Project: Trade Liberalization, Poverty and Household Analysis. The Case of Mexico. Main activities:
 - Extension of GTAP to disaggregate private household demand into different household categories for Mexico
 - Development of a module for the assessment of changes in poverty levels in developing countries

Lectures:

PELIKAN, J. (2008), Justus Liebig University of Giessen, Module (4 hours): EU-Agricultural and Food Policy, Lecture: The GTAP Model and Applications, January, 22th

PELIKAN, J. (2008), University of Hohenheim, Module (4 hours): Advanced Policy Analysis Modeling: The GTAP-model, February, 11th

Presentations:

- BROCKMEIER, M. (2007), Agricultural Market Access of Canada and the EU in the WTO negotiations. Conference: Agricultural Policy Changes: Canada, EU and the World Trade Organization, June 7 – 9, Victoria, Canada
- BROCKMEIER, M. (2007), Consequences of the Current WTO Negotiations for Developing Countries (Auswirkungen der aktuellen WTO-Agrarverhandlungen auf Entwicklungsländer). November 29th, University of Hohenheim, Germany.
- KLEPPER, R. (2008), Sugar – A rocky road (Zucker – Ein steiniger Weg), Conference: 21. International Yeast Conference, April 21 – 22, Vienna, Austria
- PELIKAN, J. (2007), To what Extent do Tariff Aggregation Measures Influence the Outcome of Empirical Analyses? - An Application to Canada and the EU - Conference: Agricultural Policy Changes: Canada, EU and the World Trade Organization, June 7 – 9, Victoria, Canada
- PELIKAN, J. (2007), Methods to Aggregate Import Tariffs and their Impacts on Modeling Results. Conference: Tenth Annual Conference on Global Economic Analysis, June 7 – 9, Purdue, USA
- PELIKAN, J. (2007), Methods to Aggregate Import Tariffs: Impacts on Liberalization Scenarios (Methoden der Aggregation von Importzöllen: Einfluss auf die Ergebnisse von WTO-Liberalisierungsszenarien). Ph.D. Seminar, July 1st, Gießen, Germany
- PELIKAN, J. (2008), Dissertation Report: Measuring the impacts of the Doha Round: A sensitivity analysis on different tariff aggregation methods. IATRC Winter Meeting, Washington, D.C., January 7th –9th, 2008