

GTAP Related Activities

The Federal Agricultural Research Centre (FAL) in Germany is a member of the GTAP consortium since 1999. FAL 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.

The FAL will be reorganized at the beginning of 2008. This involves the creation of a new organizational unit which comprises an enlarged agricultural economics section as well as fishery, forestry and agricultural engineering sections. This new organizational unit will be named:

Thünen Institute

Below is a short summary of GTAP related research activities of the FAL in 2006/2007.

Publications:

- BROCKMEIER, M., KURZWEIL, M. and PELIKAN, J. (2006), Agricultural Market Access: Striking the Correct Balance between Formulas and the Water in the Tariffs. Brussels: CEPS, Working paper No. 18, ENARPRI.
- BROCKMEIER, M. and PELIKAN, J. (2006), Agricultural Market Access: A Moving Target in the WTO Negotiations Contributed Paper, 26th International Conference of IAAE, August, 12th to 18th, 2006, Brisbane, Australia.
- BROCKMEIER, M. and PELIKAN, J. (2007), WTO Negotiations: Why is an Agreement so Difficult and Nevertheless so Important (WTO-Verhandlungen: Warum eine Einigung so schwierig und dennoch so wichtig ist). *Agrarwirtschaft*, 56 (2), (to be published in May 2007).
- BROCKMEIER, M., PELIKAN, J. and KLEPPER, R. (2006), The WTO Ministerial Conference in Hong Kong: Which Trade Effects do the Recent Proposals for Market Access have? (Die WTO-Ministerkonferenz in Hongkong: Welche Handelswirkung haben die aktuellen Vorschläge für den Marktzugang?) *GeWiSoLa*, October, 4th to 7th, 2006, Giessen, Germany.
- BROCKMEIER, M., KLEPPER, R. and PELIKAN, J. (2006), WTO Agricultural Negotiations – A Comparison of the Most Recent Proposals for Market Access. In: KADITI, E. and SWINNEN, J. *Trade Agreements, Multifunctionality and EU Agriculture*.
- ISERMEYER, F., BROCKMEIER, M., GÖMANN, H., HARGENS, R., KLEPPER, R., KREINS, P., OFFERMANN, F., OSTERBURG, B., PELIKAN, J., SALAMON, P. and THIELE, H. (2006), Analysis of Policy Options in the Milk Market (Analyse politischer Handlungsoptionen für den Milchmarkt) Braunschweig, *Landbauforschung Völkenrode, Special Edition 300*, Study on behalf of the Ministry of Food, Agriculture and Consumer Protection, Braunschweig, Germany.
- GONZALEZ-MELLADO, A. (2006), Possibilities and Perspectives of Integrating Household Analysis in CGE Models: The Case of Mexico. *GeWiSoLa*, October, 4th to 7th, 2006, Giessen, Germany.

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

STRUVE, C., HENNING, C. and BROCKMEIER, M. (2006), The Logic of the European Agricultural Policy: Political Power of Economic Legality (Die Logik der Europäischen Agrarpolitik: Politische Macht oder ökonomische Gesetzmäßigkeiten?), (Submitted to the Jahrbuch für Nationalökonomie und Statistik).

WALSH, K., BROCKMEIER, M. and MATTHEWS, A. (2007), Implications of Domestic Support Disciplines for Further Agricultural Trade Liberalization, IIS Discussion Paper No. 99 (to be published in Journal of International Agricultural Trade and Development, August 2007)

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 include 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 sector 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:

- BROCKMEIER, M, KLEPPER, R. and PELIKAN, J., FAL, Ph.D. Workshop at the FAL , Module: Global Trade Analysis Using the GTAP Model. November, 13th to 17th, 2007, Braunschweig, Germany.
- BROCKMEIER, M and PELIKAN, J., Justus Liebig University of Giessen, Module: EU-Agricultural and Food Policy, Lecture: The GTAP Model and Applications, January, 23th, 2007, Giessen, Germany.
- PELIKAN, J. and GONZALEZ-MELLADO, A. University of Hohenheim, Module: Advanced Policy Analysis Modeling: The GTAP-model, February, 12th, 2007, Hohenheim, Germany.

Presentations:

- BROCKMEIER, M. (2006), Calculation of WTO Agricultural Tariff Cuts at Different Levels of Aggregation: What Difference does it Make? Workshop on Agriculture and Food Trade, November, 8th, 2006, Uppsala, Sweden.
- BROCKMEIER, M. (2006), WTO Agricultural Negotiations – A Comparison of the Most Recent Proposals for Market Access. ENARPRI Conference, June, 8th, 2006, Brussels, Belgium.
- BROCKMEIER, M. (2006), How to Calculate and Implement Import Tariff Cuts? Conference Paper, Presented at the 9th Annual Conference on Global Economic Analysis, June 15th to 17th , 2006 Addis Ababa, Ethiopia.
- BROCKMEIER, M. (2006), Market Access in the WTO Negotiation: Effects of the EU and US Proposal (Der Marktzugang in den WTO-Verhandlungen: Effekte des EU- und US-Vorschlags). June, 26th, 2006. Agricultural Economics Seminar at the University of Göttingen.
- PELIKAN, J. (2006), Effects of the Recent Proposals for Market Access on European Agriculture (Auswirkungen der Vorschläge zur Marktöffnung auf die europäische Landwirtschaft), Arbeitsgruppe Landwirtschaft und Ernährung innerhalb des Forums für Umwelt und Entwicklung, May, 2nd, 2006, Altenkirchen, Germany.
- PELIKAN, J. (2006), The WTO Ministerial Conference in Hong Kong: Which Trade Effects do the Recent Proposals for Market Access have? (Die WTO-Ministerkonferenz in Hongkong: Welche Handelswirkung haben die aktuellen Vorschläge für den Marktzugang?) GeWiSoLa, October, 4th to 7th, 2006, Giessen, Germany.
- PELIKAN, J. (2006), Agricultural Market Access: A Moving Target in the WTO Negotiations Contributed paper, 26th International Conference of IAAE, August, 12th to 18th, 2006, Australia.
- GONZALEZ-MELLADO, A. (2006), Possibilities and Perspectives of Integrating Household Analysis in CGE Models: The Case of Mexico. GeWiSoLa, October, 4th to 7th, 2006, Giessen, Germany.
- GONZALEZ-MELLADO, A. (2006), Assessment of Poverty Impacts of Trade Liberalization by Integration of Household Analysis in CGE Models: Possibilities and Perspectives. Conference Paper, Presented at the 9th Annual Conference on Global Economic Analysis, June, 15th to 17th , 2006, Addis Ababa, Ethiopia.
- KLEPPER, R. (2006), Agriculture and Fishery - Aspects of Environmental Economics, Workshop: Integrated Ecosystem Assessment and Comprehensive Watershed Management of Poyang Lake Basin, October, 9th to 14th, 2006, Nanchang, China.