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 2008/2009.

Publications:


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 database 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.
   - Project to analyze the effects of sensitive products in the WTO negotiations using the TASTE programme.
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:

BROCKMEIER, M. (2009), vTI, Braunschweig: Promotionskolleg Agrarökonomik, November 24th to 28th


PELIKAN, J. (2009), vTI, Braunschweig: Promotionskolleg Agrarökonomik, November 24th to 28th.

Presentations:

BROCKMEIER, M. (2008), The challenges of model based policy advice. XII EAAE Conference in Ghent, Belgien, August 26th to 29th, 2008.


