GTAP Related Activities

Below is a short summary on GTAP related research activities by Thünen Institute in 2015/2016.

Staff

Currently four researchers are involved in CGE related activities: Martin Banse, Florian Freund, Janine Pelikan, Andrea Rothe and Verena Wolf.

Publications

JUNKER F, GOCHT A, MARQUARDT S, OSTERBURG B, STICHNOTHE H (2015) Biofuel sustainability requirements - the case of rapeseed biodiesel. German J Agric Econ 64(4): 274-285.

JUNKER F, WOLF V, MARQUARDT S, LEDEBUR O VON (2015) Changes to EU Biofuel Policy - Turmoil on feedstock markets? 29th International Conference of Agricultural Economics, Milan, Italy 2015. IAAE.

OFFERMANN F, BANSE M, DEBLITZ C, GOCHT A, GONZALEZ-MELLADO A, KREINS P, MARQUARDT S, OSTERBURG B, PELIKAN, J, RÖSEMANN, C, SALAMON P, SANDERS J (2016): Thünen-Baseline 2015 – 2025: Agrarökonomische Projektionen für Deutschland, Thünen Report 40.

WEIBLE D AND PELIKAN J (2016): Imported chicken meat in Ghana: A threat for domestic producers and a blessing for consumers? 19th Annual Conference on Global Economic Analysis, Analytical Foundations for Cooperation in a Multipolar World, Washington, USA, June 15-17, 2016.

BANSE M, JANZEN N, JUNKER F, KREINS P, OFFERMANN F, SALAMON P, WEIMAR H (2016): Modelling the bioeconomy: Linkages between agricultural, forestry and energy markets. 19th Annual Conference on Global Economic Analysis, Analytical Foundations for Cooperation in a Multipolar World, Washington, USA, June 15-17, 2016.

GONZÁLEZ-MELLADO A, BANSE M, SALAMON P (2016): Refugee immigration and its effects on German markets. 19th Annual Conference on Global Economic Analysis, Analytical Foundations for Cooperation in a Multipolar World, Washington, USA, June 15-17, 2016.

Projects

1. BMEL (Federal Ministry of Food and Agriculture) project to analyze the effects of regional trade agreements on the German and European agricultural sector.
2. BLE (Federal Office for Food and Agriculture) funded Ph.D. project: Analyzing consumer demand for imported chicken meat in Sub-Sahara Africa.
3. MACSUR („Modeling European Agriculture with Climate Change for Food Security"). The project is a JPI (Joint Programming Initiative) by the EU but is funded at the national level. It consists of more than 60 working groups from 14 European countries with the Thünen Institute being its main coordinator. www.macsur.eu.
4. Ph.D. project: The project focuses on the development of a detailed single country CGE model for Germany based on the STAGE model. One of the main challenges is the development and disaggregation of a Social Accounting Matrix (SAM) for Germany. The distinctive features of the model derive from the focus of the analyses being on the impact of agricultural and energy policies on all parts of the economy: in particular the agricultural, food and energy sectors will be modeled at a more disaggregated level than in the standard national accounts database.
5. AGRICISTRADE (Agriculture and trade development in EU's Eastern Neighbors) is a FP7 project. Within the project MAGNET will be linked to a partial equilibrium model and trade analysis between the EU and its Eastern Neighbors will be carried out.
6. SUCCESS (Strategic Use of Competitiveness towards Consolidating the Economic Sustainability of the European Seafood Sector) is a Horizon 2020 project. Within the project MAGNET and a partial equilibrium model will be linked with respect to trade to enable impact analysis within the area of fish and fish products.
7. The project "Interactions between Agricultural, Wood and Energy Markets" is a joint project of several Thünen Institutes. Within the project MAGNET is linked to other economic models of the agricultural and forestry sector to represent the linkages between markets for agricultural and forestry products as well as for energy markets.
8. The Thünen Institute will develop a bioeconomy monitor for the German economy with a special focus on the data base and sustainability issue. Here CGE-analyses will be also involved.

Other Activities

Cooperation with the LEI and IPTS to further develop MAGNET (GTAP based model with extensions added in a modular structure).