

GTAP Related Activities

The Thünen Institute is a German Federal Research Institute for Rural Areas, Forestry and Fisheries under the auspices of the German Ministry of Food and Agriculture. It was founded in 2008 from three previous agencies. The headquarters are in Braunschweig. The Thünen Institute comprises 14 specialized institutes that carry out research and provide policy advice in the fields of economy, ecology and technology.

Below is a short summary on GTAP related research activities of the Thünen Institute of Market Analysis in 2018/2019.

Staff

Currently six researchers are involved in CGE related activities: Martin Banse, Tatjana Döbeling, Florian Freund, Janine Pelikan, Viktoriya Sturm and Verena Laquai.

Publications

Döbeling T, Pelikan J (2019): Tariff Rate Quotas: How will they restrict future trade between the EU and Canada Paper prepared for the GEWISOLA conference 25.-27.09.2019 in Braunschweig.

Döbeling T, Pelikan J (2019): Integrating Tariff-Rate Quotas into the Modeling of Trade Agreements - a Simple Approach. 22th Annual Conference on Global Economic Analysis. June 19 – 21, 2019, Warsaw, Poland.

Freund F, Banse M, Pelikan J (2019) Losing Preferential Access to Third Countries after Brexit - What is at stake? GEWISOLA conference 25.-27.09.2019 in Braunschweig.

Freund F, Springmann M (2019) Impacts of agricultural subsidy reform on economic welfare, environment and health. 22th Annual Conference on Global Economic Analysis. June 19 – 21, 2019, Warsaw, Poland.

Projects

1. BMEL (Federal Ministry of Food and Agriculture) project to analyze the effects of already decided regional trade agreements on the German and European agricultural sector.
2. BLE (Federal Office for Food and Agriculture) funded Ph.D. project (PRIMEA): Analyzing consumer demand for imported chicken meat in Sub-Sahara Africa.
3. BLE (Federal Office for Food and Agriculture) funded project (IMMPEX): Impact of meat and dairy exports on developing countries. The focus is on Ghana and Senegal).
4. BEPASO (“Bio Economy 2050: Potentials, trade-offs, solution strategies”) is a joint research project of two Thünen Institutes and 4 external partners funded by Federal Ministry of Education and Research (BMBF). The project aims at developing several scenarios of the change to a bio-based economy in 2050 and at presenting acceptable transition paths. To carry out the analysis MAGNET will be coupled with three other models. Duration of the project is Jan. 2017 –Nov. 2019.
5. PhD project to include tariff-rate quotas (TRQs) into MAGNET and to compare the effects of various approaches (e.g. differently calculated tariff equivalents).
6. A study, funded by the Edmund Rehwinkel Foundation, aims to analyze impacts from setting a price on GHG emissions related to agriculture in Germany and in the EU. A special focus is on the question whether a tax on producer side or on consumer side should be preferred. Duration: April 2018 – January 2019.
7. SoyImp is a BLE (Federal Office for Food and Agriculture) funded project to analyze the effectiveness of different possibilities to reduce soy imports and the resulting impacts on German and European actors in the agro-food value chain.

Other Activities

Cooperation with Wageningen Economic Research and DG JRC-Seville to further develop MAGNET (GTAP based model with extensions added in a modular structure).