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. The headquarters is in Braunschweig. The Thünen Institute comprises 15 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 2022/2023.

Staff

Currently nine researchers are involved in CGE related activities: Martin Banse, Tatjana Döbeling, Florian Freund, Julio G. Fournier Gabela, Inna Geibel, Janine Pelikan, Viktoriya Sturm, Verena Laquai, Omid Zamani.

Publications – Journals


Publications and Conference Papers

Döbeling T (2023) Modeling interacting tariff-rate quotas in the CGEbox, Conference paper will be presented during the 26th Annual Conference on Global Economic Analysis (Bordeaux, France)


Freund F, Springmann M (2023) Re-designing agricultural subsidies in sub-Saharan Africa, Conference Paper, 26th Annual Conference on Global Economic Analysis, Bordeaux


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 project (IMMPEX): Impact of European meat and dairy exports on developing countries. The focus is on Ghana and Senegal.

3. PhD project to include tariff-rate quotas (TRQs) into MAGNET and to compare the effects of various approaches (e.g. differently calculated tariff equivalents).

4. 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.

5. Impact of changing dietary patterns on German agriculture. PhD project.

6. Project about long-term mitigation policies for the agri-food sector (AGRILOP)

7. Project on agri-food policy options in Armenia (jointly with the team at the IAMO Institute, Halle (Saale), Germany)

8. MACSUR SciPol (Modelling European Agriculture with Climate Change for Food Security) is a project launched by the Joint Programming Initiative for Agriculture, Food Security and Climate Change (FACCE-JPI).

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).

Regular data update of the TASTE-software to analyze import tariffs at the detailed tariff line level (HS6 level).