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 2020/2021.

Staff

Currently seven 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

Delzeit R, Beach R, Bibas R, Britz W, Chateau J, Freund F, Lefevre J, Schuenemann F, Sulser T, Valin H, Ruijven B v, Weitzel M, Willenbockel D and Wojtowicz K (2020): Linking Global CGE models with Sectoral Models to Generate Baseline Scenarios: Approaches, Challenges, and Opportunities. Journal of Global Economic Analysis. 5, 1, 162-195

Döbeling T, Pelikan J (2020): Searching for an appropriate ad valorem equivalent for TRQs: The case of CETA. Schr Gesellsch Wirtsch Sozialwiss Landbaues 55:213-224, DOI:10.22004/ag.econ.292302

Freund F, Banse M, Pelikan J (2020): Losing preferential access to third countries after Brexit - What is at stake? Schr Gesellsch Wirtsch Sozialwiss Landbaues 55:203-212

Haß M, Banse M, Deblitz C, Freund F, Geibel I, Gocht A, Kreins P, Laquai V, Offermann F, Osterburg B, Pelikan J, Rieger J, Rösemann C, Salamon P, Zinnbauer M, Zirngibl M-E (2020): Thünen-Baseline 2020 - 2030: Agrarökonomische Projektionen für Deutschland. Braunschweig: Johann Heinrich von Thünen-Institut, 146 p, Thünen Rep 82, DOI:10.3220/REP1601889632000

Freund F (2021): The role of coalitions at international tariff negotiations: a CGE perspective, Review of World Economics. In press.

Freund F and Springmann M (2020): A health and food-system analysis of Brexit-related policy approaches. Preprint available at Research Square, DOI: 10.21203/rs.3.rs-128413/v1

Pelikan J, Döbeling T (2020): EU-Mercosur Agreement: Consequences for the agricultural and food sector. Braunschweig: Thünen-Institut für Marktanalyse, 2 p, Project Brief Thünen Inst 2020/11a, DOI:10.3220/PB1586242213000

Zamani O, Pelikan J, (2021): Tariff Escalation and Import Bans in the Economic Partnership Agreement between the EU and West Africa: 24th Annual Conference on Global Economic Analysis, Colorado State University, USA.

Sturm V, Banse M (2021) Transition paths towards a bio-based economy in Germany: A model-based analysis. In : Biomass and Bioenergy, vol. 148, p. 106002. DOI:10.1016/j.biombioe.2021.106002

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

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).