



GTAP Consortium Agency Report

2018 – June 2019

1. GTAP Model and Data Base Usage

During year 2018, the topics addressed by the CEPII using the GTAP database continue to be driven by international trade recent developments: U.S. trade war, Brexit, and free trade agreements constitute the majority of CEPII's expertise activities. On the research side, we have also been further focusing on non-tariff measures and their impact on trade, as well as participating to the GTAP-driven initiative on baseline development. An important activity this year consists in the finalization of our HS6-level estimates of trade elasticities, to be available publicly by 2019.

On the modelling side, year 2018 have been dedicated to the finalization of the new version of MIRAGE-e, so-called 2.0, that both encompasses non-CO₂ greenhouse gases from the GTAP database and differentiates trade in goods by end-use (final versus intermediate) using the ImpactEcon-modified version of GTAP. This allowed us to better address issues related to climate-change (e.g. U.S. withdrawal from the Paris agreement or environmental evaluation of the CETA).

2. Publications

- Bellora, Cecilia, Jean, Sébastien and Santoni, Gianluca (2018), "Un chiffrage de l'impact des mesures de protection commerciale de Donald Trump", La Lettre du CEPII 388, June 2018, CEPII, http://www.cepii.fr/PDF_PUB/lettre/2018/let388.pdf.
- Bureau, Jean-Christophe, Guimbard, Houssein and Jean, Sébastien (2018), 'Agricultural Trade Liberalization in the 21st Century: Has it Done the Business?' *Journal of Agricultural Economics*
- Bureau, Jean-Christophe, Guimbard, Houssein and Jean, Sébastien (2019), "Competing liberalizations: tariffs and trade in the twenty-first century" *Review of World Economics*, forthcoming, <https://doi.org/10.1007/s10290-019-00346-1>.
- Beestermöller M., Disdier A.C., Fontagné L. (2018), Impact of European Food Safety Border Inspections on Agri-Food Exports: Evidence from Chinese Firms, *China Economic Review*, 48: 66-82., <https://doi.org/10.1016/j.chieco.2017.11.004>.
- Fontagné L., Martin P., Orefice G. (2018) [The International Elasticity Puzzle Is Worse Than You Think](https://doi.org/10.1016/j.jinteco.2018.08.011) - *Journal of International Economics*, 115: 115-119, doi.org/10.1016/j.jinteco.2018.08.011
- Fontagné L., Orefice G. (2018), [Let's Try Next Door: Technical Barriers to Trade and Multi-Destination Firms](https://doi.org/10.1016/j.euroecorev.2017.11.002), *European Economic Review*, (101): 643 -663, <https://doi.org/10.1016/j.euroecorev.2017.11.002>

3. Presentations

- Cecilia Bellora (2018), 'Value added in Computable General Equilibrium model with oligopolistic competition: drivers and implications of sourcing by agent in the MIRAGE-e model', 21st Annual Conference on Global Economic Analysis, June 13, 2018
- Jean Fouré (2018), 'Macroeconomic drivers of baseline scenarios in dynamic CGE models: review and guidelines proposal', 21st Annual Conference on Global Economic Analysis, June 13, 2018
- Jean Fouré (2018) 'Review of baseline inputs: Macro economy', GTAP-OECD workshop on Shaping long-term baselines with CGE Models, January 24, 2018
- Jean Fouré (2018) 'Review of Baseline inputs: Production factors', GTAP-OECD workshop on Shaping long-term baselines with CGE Models, January 24, 2018
- Cecilia Bellora (2018) '[EU-UK agricultural trade : State of play and possible impacts of Brexit](#)', seminar on Brexit organized by the Belgian Association of Agricultural Economists, 2018-05-16, Bruxelles (Belgium).
- Bellora, Cecilia and Fouré, Jean (2018) '[EU-UK agricultural trade : State of play and possible impacts of Brexit](#)' at CEPII Conference 'Brexit : quels enjeux pour l'agriculture ?', 2018-01-10

4. Special reports

None.

5. Projects

- Macroeconomic and environmental evaluation of the Comprehensive Economic and Trade Agreement (CETA), Report for the French parliament

6. Other activities

- Bellora, Cecilia and Fouré, Jean (2018) '[US withdrawal from the Paris Agreement: can States lead the fight to reduce carbon emissions?](#)' Le Blog du CEPII, 2018-02-02
- Bellora, Cecilia, Emlinger, Charlotte, Fouré, Jean and Guimbard, Houssein (2018) '[Le bilan commercial du Brexit dans l'agriculture, négatif mais contrasté](#)' Le Blog du CEPII, 2018-01-15
- Bellora, Cecilia, Emlinger, Charlotte, Fouré, Jean and Guimbard, Houssein (2018) '[L'agriculture, un secteur très exposé dans la négociation des relations commerciales post-Brexit](#)' Le Blog du CEPII, 2018-01-09
- Fontagné L., Santoni G. (2018), [GVCs and the Endogenous Geography of RTAs](#), CEPII Working Paper #2018- 05
- Fontagné L., Guimbard H., Orefice G. [Product Level Trade Elasticities](#). Mimeo and public release of database : http://www.cepii.fr/CEPII/en/bdd_modele/presentation.asp?id=35
- Bellora C. , Fontagné L. [Shooting Oneself in the Foot? Trade War and Global Value Chains](#), Lettre du CEPII

- Cecilia Bellora, Lionel Fontagné, 22 April 2019, [Trade wars and global value chains](#), Vox-EU 22 April 2019
- Jean, Sébastien, and Santoni Gianluca (2018) “How Far Will Trump Protectionism Push Up Inflation?”, *CEPII Policy Brief* 2018-23, December 2018, http://www.cepii.fr/PDF_PUB/pb/2018/pb2018-23.pdf.
- Jean, Sébastien, Martin Philippe and Sapir André, (2018) “International trade under attack : what strategy for Europe ?”, *CAE Report* No. 46, July 2018, <http://www.cae-eco.fr/IMG/pdf/cae-note046-en.pdf>.