

1. GTAP Model and Data Base Usage

During 2019, the GTAP related work of the CEPII's team followed three main directions. First, it realized a careful follow-up of two main episodes in the international trade arena: the international trade tensions and the implementation of the trade agreement between the European Union and Canada. Both exercises were based on an improved version of the MIRAGE model embedding a detailed representation of value chains, distinguishing trade in goods for intermediate and final consumption. This new version is going to be used in 2020 to work on the European proposal to implement a Carbon Border Adjustment. Second, the CEPII's team made a significant effort to update the data it uses together with the GTAP database, with the original estimation of trade elasticities at the product level (the resulting database is freely available online) and the update of the estimation of the *ad valorem* equivalent of NTMs on services (forthcoming). This effort will continue in 2020, with the update of the CEPII's elaboration of the MAcMap database, based on the original data provided by the ITC, and its public release. Third, updates of the GTAP related tools are being finalized to ensure compatibility with the new GTAP 10 database. Finally, several papers initiated in the previous years reached the final stage of the publication process.

2. Publications

Peer-reviewed journals

Fontagné L., Orefice G. and Piermartini R. (2020), Making (small) Firms Happy. The Heterogeneous Effect of Trade Facilitation Measures. *Review of International Economics*.
doi.org/10.1111/roie.12463

Fontagné L. and Santoni G., (2019), Agglomeration Economies and Firm Level Labor Misallocation, *Journal of Economic Geography*, 1(1): 252-272, doi.org/10.1093/jeg/lby007

Bureau, J.C., Guimbard, H. and Jean S. (2019). Agricultural Trade Liberalization in the 21st Century: Has it Done the Business?, *Journal of Agricultural Economics*, 70(1): 3-25, doi.org/10.1111/1477-9552.12281

Bureau, J.C., Guimbard, H. and Jean S. (2019). Competing liberalizations: tariffs and trade in the twenty-first century, *Review of World Economics*, 155(2): 1-47, doi.org/10.1007/s10290-019-00346-1

Chateau, J., Corong, E., Fouré, J., Laborde, D., Lanzi, E., van Meijl, H. and R. ROson (2020). Characterizing supply-side drivers of structural change in the construction of economic baseline projections. *Journal of Global Economic Analysis*. Forthcoming.

Kawasaki, K., Guimbard, H., Kuno, A. and Narayanan, B.G. (2019). Analysis of the Role of Tariff Concessions in East Asia, Margin. *The Journal of Applied Economic Research*, 13(2): 141-167, <https://doi.org/10.1177/0973801018812524>

Gouel, C. and Guimbard, H. (2019). Nutrition Transition and the Structure of Global Food Demand, *American Journal of Agricultural Economics*, 101(2): 383-403, doi.org/10.1093/ajae/aay030

Bekkers E., Antimiani A., Carrico C., Flaig D., Fontagné L., Fouré J., Francois J., Itakura K., Kutlina-Dimitrova Z., Powers W., Saveyn B., Teh R., van Tongeren F. and Tsigas M. (2020), Modelling trade and other economic interactions between countries in baseline projection, *Journal of Global Economic Analysis*, forthcoming.

Fouré, J., Aguiar Angel, Bibas Ruben, Chateau Jean, Fujimori Shinichiro, Lefevre Julien, Leimbach Marian, Rey-los-Santos Luis & Hugo Valin (2020), Macroeconomic drivers of baseline scenarios in dynamic CGE models: review and guidelines, Accepted, *Journal of Global Economic Analysis*.

Book chapters

Bellora, C. and Fouré, J. (2019). Évaluation des accords commerciaux : petit guide à l'usage de ceux qui veulent comprendre, *L'Économie mondiale 2020*, éd. La Découverte

Fontagné, L. and Fouré, J. (2019), Calibrating Long-Term Trade Baselines in General Equilibrium, In P. Dixon, J. Francois, & D. van der Mennsbrugge eds. *The Role of Global Policy Making: A volume in Honor of Thomas Hertel*, Chapter 4. Publisher: World Scientific.

Working papers

Bellora, C. and Fontagné, L. (2019). [Shooting Oneself in the Foot? Trade War and Global Value Chains](#), Working paper, CEPII, 2019-18.

Fontagné, L., Guimbard, H. and Orefice, G. (2019). [Product-Level Trade Elasticities](#), Working paper, CEPII, 2019-17.

Fontagné, L., and Mitaritonna, C. (2020). [Estimated Tariff Equivalent of Services NTMs, for GTAP 10](#), working paper, Forthcoming.

Policy papers

Bellora, C. and Fontagné, L. (2019). [Shooting oneself in the foot? US trade policy coping with Global Value Chains](#), *La Lettre du CEPII*, 398.

Bellora, C. (2019). [Europe in the Sino-American Trade War](#), *European Issues*, Fondation Robert Schuman, 256.

Blog posts

Bellora, C. and Fontagné, L. (2019). [Trade wars and global value chains: Shooting oneself in the foot](#), *VOX*.

3. Presentations

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, lunch seminar Berkeley February 2020

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, trade seminar UC-Davis February 2020

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, Deep trade Agreements workshop PSE, January 2020

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, trade seminar Geneva December 2019

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, trade seminar Geneva (GTDW) December 2019

Fontagné L., Guimbard H., Orefice G. Product Level Trade Elasticities, trade seminar Munich (LMU) December 2019

Bellora, C. and Fontagné, L. (2019) Shooting oneself in the foot? Trade war and value added European Trade Study Group (ETSG) - Annual Conference, September 2019

Bellora, C. and Fontagné, L. (2019) Shooting oneself in the foot? Trade war and value added, GTAP Annual Conference, June 2019

Bellora, C. and Fouré, J. Trade under the Paris agreement: Do global value chains hinder climate change mitigation?, GTAP Annual Conference, June 2019

4. Special reports

Bellora, C., Fouré, J. and Fontagné, L. (2019). [Évaluation macro-économique des impacts de l'Accord économique et commercial global entre le Canada et l'Union européenne](#). Research report for the French Parliament, CEPII, 2019-01.

5. Projects

Product level elasticities on line in various aggregations: <https://sites.google.com/view/product-level-trade-elasticity>

Estimated Tariff Equivalents of Services NTMs updated, for GTAP 10, forthcoming on line