

# **Report on the Use of the GTAP Model and Data Base by the U.S. International Trade Commission June 2019-May 2020**

## **1. GTAP Model and Data Base Usage**

Staff at the U.S. International Trade Commission have used several versions of the GTAP model and the database in non-public technical assistance to other U.S. federal government agencies, as well as research projects leading to conference presentations. The GTAP model and database are an essential tool for analyzing the economy-wide effects of proposed changes in trade policy.

## **2. Publications**

Heidi Colby-Oizumi, Kimberlie Freund, Laura Rodriguez, and Marinos Tsigas, "The Impact of Apparel Specific Rules of Origin on U.S. Textile and Apparel Trade: Case Study on CAFTA-DR Countries," Chapter in *Textile and Apparel Trade and Trade Policy in the 21st Century Global Economy*, a volume edited by Sheng Lu, Springer, forthcoming.

## **3. Presentations**

Lesley Ahmed, Caroline Peters, and Marinos Tsigas, "A General Equilibrium Analysis of the Effects of U.S. Market Facilitation Payments on the U.S. Farm Sector," paper presented at the *International Agricultural Trade Research Consortium Annual Meeting*, Washington, DC, Dec. 8-10, 2019.

Marinos Tsigas provided comparative static and dynamic simulations for forthcoming working paper authored by participants of 2019 *IMF-WB Modeling Workshop on DSGE and CGE Trade Models*. Marika Santoro (IMF) summarized analysis in *2020 Annual Conference on Global Economic Analysis* in a presentation titled "Modeling Trade Tensions: Macroeconomic and Trade Models in Different Institutions."

U.S. International Trade Commission staff will be making three separate presentations at the 2020 GTAP Conference of research projects using the GTAP model and data.

- Marinos Tsigas, "Costly labor adjustments to trade shocks in CGE analysis," presentation in 2020 GTAP Conference, June 18, 2020.
- Wen Jin Yuan, "Analyzing macroeconomic closures under the GTAP-RD model framework: A productivity increases and a CPTPP scenario," presentation in 2020 GTAP Conference, June 18, 2020.
- Tamara Gurevich, "Trade policy and gender: Examination of gender and sector-specific outcomes," presentation in 2020 GTAP Conference, June 17, 2020.

## **4. Special Reports**

None

## **5. Projects**

Marinos Tsigas helped to test the GTAP-HS, a modeling framework developed by Maksym Chepeliev, Alla Golub, Thomas Hertel, and Wajiha Saeed at the GTAP Center, Sept. 2019.

## **6. Other Activities**

Staff at the U.S. International Trade Commission have used several versions of the GTAP model and the database in non-public technical assistance to other U.S. federal government agencies, but we are not able to summarize this confidential work.