ERS Contributions to GTAP: An Activity Report

Articles and Presentations


**Contributions to GTAP database version 7 and Modeling Initiatives**

• ERS-USDA contributed to the development of “USAGE-USITC-ERS-DOC” detailed agricultural sectors of the US SAM for the GTAP version 7.

• Mark Gehlhar provided the Center with updates/revisions for the merchandise trade database for the pre-release version 7 GTAP database in October 2007 and March 2008. In these updates he incorporated adjustments from the mathematical modeling approach established by Wang, Gehlhar and Yao (2007). This work was published in late 2007 as a GTAP technical paper. In addition the merchandise trade database now includes small transactions below 500,000 USD. This is in conjunction with the ongoing effort for better accuracy of bilateral protection measures. This data was provided to the Center for the final pre-release version.

• In 2007 Mark Gehlhar began a project under ERS’s emerging markets program with Everett Peterson (Virgina Tech) through a cooperative research agreement. The objective is to improve and expand the version of the GTAP-M model. Emphasis is being placed on developing countries to incorporate retailing/wholesaling margins activities for Brazil, China, and India.