GTAP-Related Activities at USDA Economic Research Service
The Economic Research Service (ERS) of the U.S. Department of Agriculture has a long-standing set of research activities feeding into GTAP as well as building upon it. Mark Gehlhar contributes the bilateral trade and transport data base for GTAP. Mark is currently working on distinguishing trade by mode of transport. Marinos Tsigas provided agricultural protection data for OECD countries. Paul Gibson is coordinating a project with ERS, UNCTAD, the OECD, the EU Commision and other organizations to assemble a database of agricultural protection. Ken Hanson and Agapi Somwaru provided the U.S. input/output table, while Zhi Wang helped to produce a Chinese input/output table. ERS utilizes GTAP products to conduct research in three broad areas--world food security, trade agreements, and global change. Research on trade agreements focuses on free trade in three regions--Asia, the Americas, and Europe. Research on global change includes analyses of global climate change, trade and the environment, population growth, and ecosystem protection policies. For these analyses, ERS uses a modified version of GTAP as the main economic component in its Future Agricultural Resources Model (FARM). FARM allocates land as a primary factor to all economic sectors, disaggregates land by class, and treats supplies of agricultural and forest products from each land class in a distinct manner.

Recent Publications


Darwin, R.F. 1998. "Land Use and Cover Change in Ecological Economics." Presented at a meeting of the Centre for Resource and Environmental Studies, February 26, Australian National University, Canberra, Australia.


Echavarria, Juan Jose and Marinos E. Tsiga. 1998. "Open Regionalism in the Andean Countries," paper presented in First Annual Conference on Global Economic Analysis, June 8-10, Purdue University, West Lafayette, IN.


Liu, Li-Gang, Marcus Noland, Sherman Robinson and Zhi Wang "Asian Competitive Devaluations" Forthcoming in The World Economy.


