

The GTAP Advisory Board Meeting, June 2006

Economic Research Service, United States Department of Agriculture GTAP related activities: 2005-2006

The Economic Research Service (ERS) of the U.S. Department of Agriculture has contributed to and utilized the products of the Global Trade Analysis Project since its inception. This provides a short summary of recent and forthcoming activities.

CONTRIBUTIONS TO GTAP PRODUCTS

Trade data. Mark Gehlhar began an initiative to broaden expertise on trade data problems from other consortium members including FAO, ITC, LEI, and Nathan Associates. This effort is yielding improved and updated estimates for re-export margins and better source –destination information for converting re-exports to a direct route basis. These inputs are incorporated in the 2004 version 7 of the GTAP database.

Concordances: In addition he adopted an updated version of the Central Product Classification and HS concordances provided by the U.N. Statistical Division. This is incorporated into the HS GTAP sector concordance. As a result certain HS categories in textiles (GSC 26) are moved to clothing and wearing apparel (GSC 27).

Export subsidy data. Aziz Elbehri is working in developing a global export subsidy dataset for GTAP database version 7 (to be completed by June 2006).

PUBLICATIONS

1. Articles

Gehlhar M. and E. Dohlman “Changes in the U.S. Agricultural Trade Balance: Global Macroeconomic and Structural Determinants”, Economic Research Report USDA-Economic Research Service 2006.

Terry Roe, A. Somwaru and X.Diao, “Globalization: Welfare Distribution and Costs Among Developed and Developing Countries,” Principal Paper in the session, “Trade Liberalization: Welfare Distribution and Costs,” Allied Social Sciences Association Annual Meeting, Boston, January 6-8, 2006 (forthcoming Review of Agricultural Economics).

Elbehri, A., Thomas Hertel, 2005, "A Comparative Analysis of the EU-Morocco FTA Versus Multilateral Liberalization", Journal of Economic Integration (forthcoming)

Burfisher, Mary E., Kenneth Hanson, Jeffrey Hopkins, and Agapi Somwaru (forthcoming). *Agricultural Adjustment Capacity: A Macro Micro Simulation*, David Blandford and Barkeley Hill, ed. ,Agricultural Policy Adjustment in Wealthy Countries.

Roe, T., A. Somwaru and X. Diao. "The Global Impact of Agricultural Liberalization and Links to Economic Growth," forthcoming (book chapter, House Academia publications).

Darwin, R.F., K. Ingram, and V. Breneman. 2005. *A Global Land and Water Resources Database for Economic Models*. U.S. Department of Agriculture, Economic Research Service, Washington, DC.

Darwin, R.F., J. Sullivan, and K. Ingram. 2005. *Linking Land and Water Resources with World Economic Production*. U.S. Department of Agriculture, Economic Research Service, Washington, DC.

Darwin, R.F. 2005. *A Global Economic Database with Water and Heterogeneous Land Resources*. U.S. Department of Agriculture, Economic Research Service, Washington, DC.

Gehlhar M., S. Shapouri, J. Wainio, 2005. "Agricultural Trade Preferences for Developing Countries: Are there still benefits from global market liberalization," forthcoming AIB report, U.S. Department of Agriculture, Economic Research Service, Washington, DC.

Gehlhar M. and E. Dohlman (coordinators), "Factors contributing to Changing U.S. Food and Agricultural Trade Balance." Forthcoming ERS Economics Report, 2005.

Elbehri A. "Estimating the impact of MFA removal on global cotton and textile: A CGE quantitative assessment" (paper submitted to World Trade Review), 2005.

ERS-Purdue Cooperative Research Agreement for GTAP-AGR, "GTAP-AGR: Model and Documentation," Technical Documentation forthcoming 2005.

2. Unpublished Conference Presentations and Invited Speeches

Elbehri, A., Wainio, J., "Do Preferences Matter under Trade Liberalization? The Case of the European Union Preferences for Developing Countries," Selected paper, IAAE Meeting, Gold Coast, Australia, August 12-19, 2006.

Somwaru, A. E. Tsakiridou, and K. Mattas. "Multilateral or Regional Agreement: The Case of Mediterranean Countries," selected poster paper, IAAE Meeting, Gold Coast, Australia, August 12-19, 2006.

Elbehri, A., Johannes Umstaetter, "EU Sugar Reform at Last! Implications for Regional and Global Trade in Sugar," IATRC Winter Meeting, San Diego, CA, December 4, 2005 and AAEA Meetings, Long Beach, CA, July 2006.

Fernandez-Cornejo, J., R. Lubowski, and A. Somwaru, "Globally Integrated Modeling of Economic and Land-Use Implications of Agricultural Biotechnology Adoption: Preliminary Results from the FARM-II Model," AAEA Meetings, Long Beach, CA, July 2006.

Lubowski R. and A. Somwaru, "Economic Evaluation of Changes in Global Land and Water Resources: Status Report on FARM II," IATRC Winter Meeting, San Diego, CA, December 4, 2005.

Elbehri, A., J. Umstaetter, S. Haley and D. Kelch, "The EU Sugar Policy Regime and the Implications of 2005 Reforms" ERS Economic Research Report (forthcoming).

Wainio T., M. Gehlhar, and S. Shapouri, "The Impact of Reducing Margins of Preferences Under Non-Reducing Margins of Preferences", paper presented at IATRC Sevilla, Spain June 19-21, 2005.

Gehlhar, M. "Trade and International Food Markets: What is becoming Global?" presentation at Conference on Global Food Markets Challenges and Opportunities, Food Distribution Research Society Conference, Washington D.C. October 15-19, 2005.

3. Instructor, GTAP Short Course

Elbehri, A. and Mark Gehlhar (Instructors), South Asia GTAP Short Course in Global Trade Analysis, February 18 - 24, 2006, Indira Gandhi Institute of Development Research (IGIDR), Mumbai, India.