

Center for Global Trade Analysis Newsletter



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CENTER NEWS

Ken Itakura, a former GTAP graduate research assistant, obtained his doctoral degree in Agricultural Economics from Purdue University in January 2004. In his dissertation, Dr. Itakura worked on an applied general equilibrium analysis of the Japan-ASEAN free trade agreement. Ken's research interests are in the areas of international trade, trade policy, and AGE model and data development. Ken recently joined the Center for Global Trade Analysis as a Short-term Post-doc Research Associate to help in further developing the GTAP dynamic model and database and in the preparations for the Second Short Course in Dynamic Global Trade Analysis.

Dr. Sandra Rivera joined the Center on December 1, 2003 as a one-year Visiting Scholar. She will lead the strategic planning exercise that the GTAP Center is undertaking this year. She will also be helping at the short courses throughout the year. In addition to her pre-existing knowledge of the Center's products and activities, Sandra brings with her a wealth of experience in leadership, project management, and facilitation skills. Dr. Rivera is currently on leave from her position as International Economist at the U.S. International Trade Commission (USITC).

Dr. Wally Tyner is now affiliated with the Center as a Faculty Associate. Dr. Tyner is a Professor of Agricultural Economics at Purdue. His research interests are in the areas of agricultural and natural resource policy analysis and structural and sectoral adjustment in developing economies. More recently, most of his work has focused on agricultural trade and policy issues in developing economies, particularly in the Middle East, North Africa, and West Africa. Dr. Tyner attended the last GTAP short course and has since used the GTAP model and data base to analyze the potential consequences of the proposed free trade area between Morocco and the USA.

CONSORTIUM NEWS

The Food and Agriculture Organization of the United Nations (FAO) joined the GTAP Consortium. Representing the FAO in the GTAP advisory board is Dr. Alexander Sarris, Director of the Commodities and Trade Division of FAO's Economic and Social Department.

The GTAP consortium is composed of 19 international and national agencies that provide financial support and advice to the Project. More information about the institutions in the GTAP Consortium and the roles and responsibilities of the member agencies is available at:

<http://www.gtap.agecon.purdue.edu/welcome/consortium.asp>

The next meeting of the GTAP advisory board is scheduled for June 14-15, 2004 in Washington, D.C. More information about the GTAP board meetings are available at:

http://www.gtap.agecon.purdue.edu/events/Board_Meetings/default.asp

SHORT COURSES

The Twelfth Annual Short Course in Global Trade Analysis will be held at Purdue University on August 7-13, 2004. The course, which introduces participants to the GTAP model and data base, consists of two parts: a web-based course and an on-site course in Purdue. The web-based part of the course will run from May 17 to July 11, 2004. More information about the course, including registration details is available at:

http://www.gtap.agecon.purdue.edu/events/Short_Courses/upcoming.asp

The Center will also hold the Second Short Course in Dynamic Global Trade Analysis on October 8-13, 2004 at Purdue University. The course introduces participants to the dynamic version of the GTAP model developed by Elena Ianchovichina and Robert McDougall. More information about the course including registration details is available at:

http://www.gtap.agecon.purdue.edu/events/Dynamic_Courses/2004/default.asp

CONFERENCES

The Seventh Annual Conference on Global Economic Analysis with the theme "Trade, Poverty, and the Environment" is scheduled for June 17-19, 2004 in Washington, D.C. The conference is jointly organized by the World Bank and the Center for Global Trade Analysis, with additional support from the U.S. Environmental Protection Agency (EPA), the USDA Economic Research Service (ERS), the Inter-American Development Bank (IDB), and the U.S. International Trade Commission (USITC).

The deadline for abstract submission was on January 18, 2004. Authors will be notified about acceptance for presentation at the conference on March 1, 2004. Final papers for selected abstracts are due on May 1, 2004.

The last day for registration and payment to avoid late fees for the conference is May 1, 2004. For a complete brochure and a preliminary program, please visit the Conference pages at: <http://www.gtap.org/events/conferences/2004/>

DATA BASE DEVELOPMENTS

The GTAP 5.4 data base was released in October 2003. Like the GTAP 5.0 data base, GTAP 5.4 corresponds to the global economy in 1997. However, it includes bug fixes on GTAP 5.0 and additional regional disaggregation (78 regions), including Central and Eastern European countries (Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Latvia, Lithuania, Malta, Romania, Slovakia, Slovenia), the Russian Federation, and Albania. Revised regional input-output data for Southeast Asian countries (Indonesia, Malaysia, Philippines, Thailand, Singapore) are also included. GTAP 5.4 is available for free to advanced purchasers of the GTAP 6.0 data base. More information about the GTAP 5.4 data base is available at:

<http://www.gtap.agecon.purdue.edu/databases/v54/default.asp>

Center staff and data contributors are currently working on the GTAP 6.0 data base which is scheduled for public release in April 2004. The data base corresponds to the global economy in 2001 and will feature improved treatment of bilateral services trade, improved treatment of government consumption, improved tariff coverage for agriculture and manufactures using preferential rates data, IEA-based energy use data, improved trade and demand elasticity estimates, and revised and new input-output tables. More information and order information for the GTAP 6.0 data base is available at:

<http://www.gtap.agecon.purdue.edu/databases/v6/default.asp>

GTAP MODEL DEVELOPMENTS

GTAP Model Version 6.2 was released in November 2003. The new release fixes two bugs found in the previous 'gtap.tab' version 6.1 released in September 2001 and incorporates some minor enhancements. More information about the model as well as the downloadable files available at: <http://www.gtap.agecon.purdue.edu/products/models/current.asp>

OTHER NEWS

As part of a GTAP Project sponsored by the U.S. Environmental Protection Agency (EPA), Dr. Huey-Lin Lee has compiled a CO2 emissions data base which is compatible with the standard GTAP configuration. The project, which aims to facilitate integrated assessment of climate change policies with GTAP, plans to cover the three major greenhouse gases — CO2, methane, and nitrous oxide — in the emissions data base.

The database may be downloaded from:

http://www.gtap.agecon.purdue.edu/resources/res_display.asp?RecordID=1143

More information about the GTAP-EPA project is available at:

http://www.gtap.agecon.purdue.edu/databases/projects/Land_UseGHG/default.asp

NEW RESOURCES ON THE GTAP WEBSITE

The list below covers resources submitted between October 1, 2003 and December 31, 2003. The most recent additions to the GTAP resources can be found at:

<http://www.gtap.agecon.purdue.edu/resources/latest.asp>

GTAP WORKING PAPERS

“Assessing the Impact of China’s WTO Accession on Investment,” Walmsley, Terrie, Thomas Hertel and Elena Ianchochina. GTAP Working Paper, 2003

“Bilateral Free Trade Agreements and Customs Unions: The Impact of the EU Republic of South Africa Free Trade Agreement on Botswana,” Walmsley, Terrie and Scott McDonald. GTAP Working Paper, 2003

“The Earnings Effects of Multilateral Trade Liberalization: Implications for Poverty in Developing Countries,” Hertel, Thomas, Maros Ivanic, Paul Preckel and John Cranfield. GTAP Working Paper No. 30, 2003

GTAP RESEARCH MEMORANDA

“Russian Energy Taxes for GTAP 5.3”, McDougall, Robert. GTAP - RM No. 1, 2003/

“A Note on the CES Functional Form and Its Use in the GTAP Model,” Alex Gohin and Thomas Hertel. GTAP - RM No. 2, 2003

“GTAP.TAB Release 6.2,” McDougall, Robert. GTAP - RM No. 3, 2003.

“Style Guidelines Observed in GTAP.TAB Release 6.2,” McDougall, Robert. GTAP - RM No. 4, 2003.

GTAP MODEL FILE

“GTAP Model Version 6.2,” Hertel, Thomas and Robert McDougall, Center for Global Trade Analysis, 2003 Model file (.TAB)

GTAP UTILITIES

“Updated SASDEV.EXE for RunGTAP,” Pearson, Ken and Roman Keeney, Centre of Policy Studies and Impact Project, Monash University, 2003 Utilities,

GTAP DOCUMENTATION

“An Emissions Data Base for Integrated Assessment of Climate Change Policy Using GTAP,” Lee, Huey-Lin. GTAP, 2003 Documentation,

“Dis-aggregating the EU15 Domestic Support,” Jensen, Hans Grinstead , GTAP, 2003 Documentation.

GTAP APPLICATIONS

“The Effects of Global Trade Liberalization on Toxic Emissions in Industry, Ferrantino, Michael and Linda Linkins Weltwirtschaftliches Archiv, 1999 GTAP Application.

“Elasticity of Substitution and Disaggregation of Labor by Skill Level: Empirical Measurement Using a Global Database,” Das, Gouranga.

Applied Econometrics and International Development, Euro-American Association of Economic Development. 2003 GTAP Application.

“EU accession and the catching up of the CEEC countries,” Lejour, Arjan and Richard Nahuis Deardorff, A. (Editor) The Past, Present, and Future of the European Union, Conference proceedings of International Economic Association. 2004 GTAP Application.

“The Impact of Free Trade Agreements in Asia,” Kawasaki, Kenichi RIETI Discussion Paper Series 03-E-018. 2003 GTAP Application.

“Incorporating International Capital Ownership of Endowments into a Global Applied General Equilibrium Model,” Walmsley, Terrie. *Economic Modelling* 19(5). 2002 GTAP Application

“Quantifying Four Scenarios for Europe,” Lejour, Arjan. CPB Document 38. 2003 GTAP Application.

“Quantitative Assessment of the Benefits of Trade Facilitation,” Walkenhorst, Peter and Tadashi Yasui OECD Unclassified Document. 2003 GTAP Application.

“Tariff Bindings, Unused Protection and Agricultural Trade Liberalisation,” Walkenhorst, Peter and Nora Dihel. OECD Economic Studies 36(2003)1. 2003 GTAP Application.

“Trade Impacts of the Terrorist Attacks of 11 September 2001: A Quantitative Assessment,” Walkenhorst, Peter and Nora Dihel, DIW Workshop on "The Economic Consequences of Global Terrorism." 2002 GTAP Application.

OTHER CGE APPLICATION

“Cross-Country Analysis of Empirical Evidences of Intra-industry Trade in Manufactures for Dynamic Asian and Other Developing Economies: Implications for Economic Growth and Development,” by Das, Gouranga, *Korean Journal of Policy Studies*, Seoul National University. 2003 Other CGE Application.

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