

Center for Global Trade Analysis Newsletter

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A smarter version of the GTAP Newsletter is available at:
<http://www.gtap.agecon.purdue.edu/welcome/newsletters.asp>.

Mission Statement:

The Center for Global Trade Analysis is the publicly funded, university based home for GTAP (Global Trade Analysis Project), a global network of researchers and policy makers conducting quantitative analysis of international policy issues. Our purpose is to improve the quality of global economy-wide analysis through education and by developing analytical data bases, economic models, and innovative methodologies. Our unique institutional structure enables us to foster collaboration among academia, public and private sectors worldwide.

1. CENTER NEWS

Ginger McColley joined the Center for Global Trade Analysis as the new GTAP Information Technology Specialist in December 2004. Ginger took over from Melanie Bacou and will be looking after the GTAP web site, including the conference web site and web courses. Ginger is a Bachelor of Science in Computer Graphics Technology graduate from Purdue University and has experience in web programming and design.

Huey-Lin Lee participated in the kick-off meeting of the Stanford Energy Modeling Forum's (EMF) 22nd study on "Climate Policy Scenarios for Stabilization and in Transition", held in Brussels, Belgium, November 10-12, 2004. Huey-Lin presented the GTAP land-use and greenhouse gases emissions data base to the Integrated Assessment (IA) community of climate change.

Wally Tyner, Terrie Walmsley and Huey-Lin Lee participated in the Purdue Climate Change Research Center's (PCCRC) first workshop on "Climate Change Research and Education at Purdue", held at the Purdue University West Lafayette campus, November 19th, 2004, and presented a poster introducing the GTAP capacity in climate change analysis.

Roman Keeney traveled to The Hague, Netherlands and presented the paper "The Balance between Domestic Support, Market Access, and Export Competition: Where Do Developing Country Interests Lie?" (co-authored with Tom Hertel) at the World Bank Conference on Agricultural Trade Reform and the Doha Development Agenda, December 1-3, 2004. Also at the conference were Tom Hertel and former GTAP graduate student Maros Ivanic.

Tom Hertel, currently on sabbatical leave at the World Bank, visited Purdue on February 23 to 25 to meet individually with Center staff. He also presented a seminar to the Department of Agricultural Economics entitled "Putting Development Back into the Doha Agenda: Poverty

Impacts of a WTO Agreement.” The seminar reports on the findings from Tom’s forthcoming book, co-edited with L. Alan Winters, based on a major international research project investigating the poverty impacts of a potential Doha Development Agenda on several focus countries including Bangladesh, Brazil, Cameroon, China, Indonesia, Mexico, Mozambique, Philippines, Russia, Vietnam and Zambia.

2. CONSORTIUM NEWS

Nathan Associates joined the GTAP consortium in March 2005. Nathan Associates provides public and private sector clients in the United States and around the world with a broad range of services that includes analysis of the economic impacts of public policy and supplementing and building capacity in trade policy. More information about Nathan Associates is available at: <http://www.nathaninc.com/>. John Beyer, president, represents Nathan Associates in the GTAP Advisory Board.

The United Nations Economic Commission for Africa (UNECA), based in Addis Ababa, Ethiopia, joined the GTAP consortium in January 2005. As the regional arm of the United Nations in Africa, the UNECA supports the economic and social development of its 53 member states, fosters regional integration, and promotes international cooperation for Africa's development. Representing the UNECA in the GTAP Advisory Board is Hakim Ben Hammouda, Director of the UNECA’s Trade and Regional Integration Division. More information about the UNECA is available at: <http://www.uneca.org/>.

The GTAP Advisory Board, composed of the representatives of the GTAP consortium member agencies plus two members-at-large, meet with Center staff annually to review the activities and accomplishments of the project and the GTAP-related activities of the consortium member agencies, to discuss strategic issues, and to set goals for the coming year. More information about the institutions in the GTAP consortium and the roles and responsibilities of the member agencies is available at:

<http://www.gtap.org/welcome/consortium.asp>.

The next meeting of the GTAP Advisory Board is scheduled for June 6 – 7, 2004 in Lübeck, Germany. Further information about previous GTAP Advisory Board meetings is available at: http://www.gtap.org/events/Board_Meetings/2004/.

3. SHORT COURSES

The GTAP short courses in global trade analysis aim to: (1) introduce participants to a standardized framework for conducting global trade analysis in an applied general equilibrium setting, (2) to provide participants with ample hands-on training with software that has been tailored to global trade analysis within a standard modeling framework, and (3) to give participants the opportunity to interact with economists working on global trade and resource use issues, and become part of an international network. Part I of the short course is composed of web-based modules delivered by CD-Rom and through the internet. Part II is an on-site week-long intensive training which consists of a mix of daily lectures, computer laboratory exercises, informal discussions, and small-group applications designed to introduce participants to the basic features of the GTAP model and data base (Part. Information about previous short courses is available at: http://www.gtap.agecon.purdue.edu/events/Short_Courses/default.asp.

The Thirteenth Annual Short Course will be held on-site on June 18-24, 2005 at the University of Crete in Heraklion, Crete, Greece. The short course will be preceded by an on-line refresher

course which will run from April 11-June 6, 2005. The course is now full! Thirty individuals from 16 countries have registered for the course! Scheduled to teach in the Crete course are: Betina Dimaranan (CGTA), Huey-Lin Lee (CGTA), Thomas Hertel (CGTA), Scott McDonald (University of Sheffield), Ken Pearson (Monash University), Marinos Tsigas (USITC), Han van Meijl (LEI), Frank van Tongeren (LEI), and Terrie Walmsley (CGTA).

4. CONFERENCES

The Eighth Annual Conference on Global Economic Analysis will be held on June 9 - 11, 2005 in Lübeck, Germany. The conference, to be held at the Radisson SAS Senator Hotel, is organized by the Institute of Market Analysis and Agricultural Trade Policy (FAL), Braunschweig, Germany in conjunction with the Center for Global Trade Analysis, Purdue University. The conference will feature the following invited speakers: Kym Anderson (World Bank, USA), Riccardo Faini (University of Rome, Italy), Joseph Francois (Erasmus University, The Netherlands), Tom Kram (National Institute of Public Health and Environment, The Netherlands), Hans-Werner Sinn (IFO Institute of Economic Research, Germany) and Richard Tol (University of Hamburg, Germany).

The deadline for registration to avoid late fees is April 15, 2005. For inclusion in the conference proceedings, final papers selected for presentation at the conference should be submitted electronically by May 1, 2005. Further information about the conference including registration information, the timetable, and guidelines for paper submission are available at: <http://www.gtap.org/events/conferences/2005/>.

5. DATA BASE DEVELOPMENTS

The GTAP 6 Beta Release Data Base, released in November 2003, was made available for free to advanced purchasers of the GTAP 6.0 Data Base. The GTAP 6 Beta Release Data Base includes 87 regions and 57 sectors and corresponds to the global economy in 2001. It includes all of the new and updated domestic data bases and most of the 2001 international datasets intended for inclusion in the GTAP 6 Data Base. The exceptions are the 2001 energy prices data, 2001 income and factor taxes, and an update of the auxiliary time series trade data file. Preliminary documentation for the GTAP 6 Beta Release is available at: http://www.gtap.agecon.purdue.edu/databases/v6beta/v6b_doco.asp.

We anticipate shipping the GTAP 6 Data Package out in late April or as soon as the Center gets the CD-ROMS back from the manufacturers. The GTAP 6 Data Base features improved tariff data using preferential rates, IEA-based energy use data, improved treatment of government consumption, improved trade and demand elasticity estimates, and revised and new input-output tables. Order information for the GTAP 6 Data Base is available from Judy Conner (connerjr@purdue.edu) or from: <http://www.gtap.agecon.purdue.edu/databases/v6/default.asp>.

6. NEW RESOURCES ON THE GTAP WEBSITE

The list below covers resources submitted from July 1, 2004 through December 31, 2004. It does not include papers presented at the Seventh Annual Conference on Global Economic Analysis which was held on June 17-19, 2004. A list of the 2004 conference papers is available from the conference program at: <http://www.gtap.org/events/conferences/2004/program.asp>.

The most recent additions to the GTAP resources can be found at:
<http://www.gtap.org/resources/latest.asp>.

GTAP TECHNICAL PAPERS

McDonald, Scott and Karen Thierfelder, 2004. "Deriving a Global Social Accounting Matrix from GTAP Versions 5 and 6 Data," GTAP Technical Paper No. 22.

Reimer, Jeff and Thomas Hertel, 2004. "International Cross Section Estimates of Demand for Use in the GTAP Model," GTAP Technical Paper No. 23.

GTAP WORKING PAPERS

Elbehri, Aziz and Thomas Hertel, 2004. "A Comparative Analysis of the EU-Morocco FTA vs. Multilateral Liberalization," GTAP Working Paper No. 31.

GTAP DOCUMENTATION

Pearson, Ken and Mark Horridge, 2003. "Hands-on Computing with RunGTAP and WinGEM To Introduce GTAP and GEMPACK," Center of Policies Studies.

GTAP APPLICATIONS

Anderson, Kym, 2004. "Agricultural Trade Reform and Poverty Reduction in Developing Countries," Chapter in International Trade and Development: Essays in Honour of Peter Lloyd, edited by S. Jayasuriya and P.J. Lloyd, London: Edward Elgar.

Anderson, Kym, 2004. "Agriculture and Agricultural Incentives in China and India Post-Uruguay Round," Chapter in Agricultural Policy Reform and the WTO: Where Are We Heading? Edited by G. Anania, M. Bowman, C. Carter and A. McCalla, London: Edward Elgar.

Anderson, Kym, 2004. "Subsidies and Trade Barriers," in Global Crisis, Global Solutions, edited by B. Lomborg, Cambridge and New York: Cambridge University Press.

Anderson, Kym, Erwidodo, Anna Strutt and Tubagus Feridhanusetyawan, 2003. "Agriculture and the Doha Development Agenda," Chapter 2 in Options for Global Trade Reform: A View from the Asia-Pacific, edited by W. Martin and M. Pangestu, Cambridge and New York: Cambridge University Press.

Anderson, Kym and Lee Ann Jackson, 2004. "Global Responses to GM Food Technology: Implications for Australia," RIRDC Publication No. 04/xx, Canberra: Rural Industries Research and Development Corporation.

Anderson, Kym and Lee Ann Jackson, 2004. "GM Food Crop Technology: Implications for Sub-Saharan Africa," Paper presented at the Conference on African Development and Poverty Reduction: The Macro-Micro Linkage, Somerset West, South Africa, 13-15 October 2004.

Anderson, Kym and Lee Ann Jackson, 2004. "GM Food Technology Abroad and its Implications for Australia and New Zealand." Paper presented at the Annual Conference of the Australian Agricultural and Resource Economics Society, Melbourne, 11-13 February 2004.

- Anderson, Kym, Chantal Pohl Nielsen, 2004. "Economic Effects of Agricultural and Biotechnology Research in the Presence of Price-Distorting Policies," *Journal of Economic Integration* 19(2).
- Anderson, Kym, Chantal Pohl Nielsen, Sherman Robison, and Karen Thierfelder, 2001. "Estimating the Global Economic Effects of GMOs" Chapter 4 in *The Future of Food: Biotechnology Markets and Policies in an International Setting*, edited by P. Pardey, Washington, D.C.: International Food Policy Research Institute.
- Antimiani, Alessandro and Federica Santuccio, 2004. "Mid-Term Review, Enlargement and "Effective Market Access" in the EU: An Evaluation in a CGE Context," Paper presented at the Input-Output and General Equilibrium: Data, Modeling and Policy Analysis, September 2-4, 2004, Brussels, Belgium.
- Hertel, Thomas, Jeff Reimer and Ernesto Valenzuela, 2005. "Incorporating Commodity Stockholding into a General Equilibrium Model of the Global Economy," forthcoming in *Economic Modeling*.
- Josling, Tim and Allan Rae, 2004. "Options for Enhancing Market Access in a New Round," Chapter 9 in M.D. Ingco and L.A. Winters (eds.) *Agriculture and the New Trade Agenda*, Cambridge.
- Lips, Markus and Peter Rieder, 2004. "Potential Impact of the WTO Doha Round on Swiss Agriculture," *Swiss Journal of Economics and Statistics*, 140 (4) pp. 569-583, 2004.
- MacDonald, Stephen, 2005. "Transgenic Cotton and Crop Productivity: A General Equilibrium Analysis for West and Central Africa," forthcoming in *World Development*.
- Rae, Allan and Anna Strutt, 2003. "Doha Proposals for Domestic Support: Assessing the Priorities," Paper presented at the International Agricultural Trade Research Consortium Conference, Capri, 24-26 June, 2003.
- Ramankutty, Navin, Thomas Hertel and Huey-Lin Lee, 2005. "Global Land Use and Land Cover Data for Integrated Assessment Modeling," Unpublished.
- van Meijl, Hans and Frank van Tongeren, 2004. "International Diffusion of Gains from Biotechnology and the European Union's Common Agricultural Policy," *Agricultural Economics*, vol. 31: 307-316.
- Yang, Yongzheng, 2003. "China's Integration into the World Economy: Implications for Developing Countries," IMF Working Paper WP/03/245.
- Yang, Yongzheng, 2000. "The Fallacy of Composition and the Terms of Trade of Newly Industrializing Countries," Paper presented at the Department of Economics, University of Oxford.
- Yang, Yongzheng, 2003. "The Impact of WTO Accession?" in *China: Competing in the Global Economy*, edited by Wanda S. & Markus H. Rodlauer.
- Yang, Yongzheng, 2003. "The United States and the New Regionalism/Bilateralism," IMF Working Paper, WP/03/206, 2003.
- Yang, Yongzheng and Rod Tyers, 2004. "The Asian Recession and Northern Labour Markets," *The Economic Record* 80(248), pp 57-74.
- Yu, Wusheng and Soren Frandsen, 2005. "China's WTO Commitments in Agriculture and Impact of Potential OECD Agricultural Trade Liberalizations," forthcoming in *Asian Economic Journal*.

OTHER CGE APPLICATIONS

Feraboli, Omar, 2004. "A Dynamic Multisectoral Analysis of Jordan's Trade Liberalisation," Paper presented at International Conference on Policy Modeling (ECOMOD), Jun/Jul 2004.

Hadj Salem, Haykel, 2004. "The Macroeconomic Social Accounting Matrix of Tunisia in 1996," Proceedings Ecomod and IIOA 2004.

Hadj Salem, Haykel, 2004. "Various Methods of Balancing of the Macro SAM of Tunisia During the Year 2000," Unpublished.

OTHER ECONOMETRIC APPLICATIONS

Hadj Salem, Haykel, 2004. "The estimation of the elasticity of substitution of a CES production function : Case of Tunisia," Unpublished.

Jansen, Marion and Roberta Piermartini, 2004. "The Impact of Mode 4 on Trade in Goods and Services," WTO Staff Working Paper ERSD-2004-07.

Kyvik Nordås, Hildegunn and Roberta Piermartini, 2004. "Infrastructure and Trade," WTO Staff Working Paper ERSD-2004-04.

7. CONTACT INFORMATION

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