

GTAP Advisory Board Meeting: Overview

June 6-7, 2005

Lübeck, Germany

New Members

- **Nathan Associates Inc., USA**
- **UN Economic Commission for Africa (UNECA), Ethiopia**
- **Asian Development Bank (ADB), Philippines**

New Representatives

- **John Beyer, Nathan Associates, Inc. USA**
- **Hakim Ben Hammouda - UNECA, Ethiopia**
- **Frank Harrington – ADB, Philippines**
- **Arai Haruhito – ESRI, Japan**
- **Hiroaki (Aki) Kuwahara - UNCTAD, Switzerland**

2005 Substitute Representatives

- **Przemek Kowalski – OECD for Philip Bagnoli**
- **Patrick Osakwe – UNECA for Hakim Ben Hammouda (Day 1)**
- **Paolo Giordano – IADB for Robert Devlin**
- **Fan Zhai – for Frank Harrington**
- **Marco Fuzzaga – UNCTAD for Aki Kuwahara**
- **Robeta Piermartini/Alex Keck WTO for Patrick Low**

Missing

- **Liwayway Adkins, US EPA, USA**
- **Patrick Jomini – Productivity Commission, Australia**
- **John Reilly – MIT, USA**
- **Arai Haruhito – ESRI, Japan**
- **Alan A. Powell – Member at Large, Australia**

GTAP Center Staff

- **Judy Conner – Program & Administration Manager**
- **Betina Dimaranan – Research Economist and Database Administrator**
- **Thomas Hertel – Executive Director**
- **Huey-Lin Lee – Environmental Economist**
- **Ginger McColley – Information Technology Specialist**
- **Robert McDougall – Deputy Director**
- **Wallace Tyner – Co-Director**
- **Terrie Walmsley – Co-Director**

Agenda Overview: Monday

- **Morning:**
 - **Data Base Release Strategies**
 - Overview
 - Alternative Release Strategies
- **Afternoon:**
 - **Top Data Base Issues**
 - Services, Taxes and Energy
 - **Research: Land Use**
- **Dinner at Wullenwever**

Agenda Overview: Tuesday

- **Finances**
 - Budgets and staffing plan
- **Network and Education**
 - Increasing participation in Developing Countries
- **Discussion of Other Data Base and Research Priority Issues**
 - Board Priorities
- **Network and Education**
 - Research Fellows
 - Conferences
- **Establish Action Plan for next year**
- **Dinner at Brauberger**

Review of Goals and Action Plan

- **Develop a systematic approach to budgeting and link this to the Strategic Plan.**
 - **Assessment: A budget and a staff plan have been developed and these will be presented at the board meeting.**

Data Goal

To improve data products.

- 1. Improve data quality and user service.**
- 2. Improve data procurement.**
- 3. Improve data development efficiency and quality by distributing data construction program.**
- 4. Expand scope of data base.**
- 5. Improve marketing of data base.**

Review of Action Plan: Data Goals

- **Incorporate MAcMap protection data base into the GTAP 6 Data Base. Technical paper on MAcMap protection in the GTAP Data Base.**
 - **Assessment: Following the discussion at last years board meeting Betina Dimaranan has worked with CEPII to incorporate the MAcMap protection data into the GTAP 6 Data Base.**

Review of Action Plan: Data Goals

- **Examine ways in which the source data for MAcMap can be made available for replication and scenario building.**
 - **Assessment: Assessment: MAcMap data have been procured (thanks to the World Bank and the US ITC for their leadership and funds for this acquisition) and shared with consortium members for replication purposes. A set of pre-specified Doha scenarios (about 10) are being put on the web site presently. We are waiting for CEPII to release the tariff bindings -- then others will be able to design their own scenarios.**

Review of Action Plan: Data Goals

- **Release the GTAP 6 Data Base and documentation. Including the dissemination of summary country tables on the web.**
 - **Assessment: Documentation for v6 is available on the web site at:**
http://www.gtap.agecon.purdue.edu/databases/v6/v6_doco.asp

Review of Action Plan: Data Goals (Cont)

- **Incorporate bilateral services trade data into the GTAP 6 Data Base**
 - **Assessment: Services trade data was updated to 2001 using the IMF Balance of Payments Statistics. However, bilateral services trade data could not be incorporated into the GTAP 6 Data Base. Robert McDougall plans to work with the CPB to incorporate bilateral services data.**

Review of Action Plan: Data Goals

- **Examine possibilities for collaboration between FAO and GTAP on Agricultural I-O relationships**
 - **Assessment: Haluk Kasnakoglu visited the Center on September 14, 2004 to discuss their plans for changing the structure of data collected and obtain our feedback.**

Review of Action Plan: Data Goals

- **Incorporate self employed labor into GTAP Data Base**
 - **Assessment: Self employed labor was not incorporated into the GTAP 6 Data Base. However this and making changes to the way in which value added from the contributed I-O tables is replaced are agenda items for the GTAP 7 Data Base.**

Review of Action Plan: Data Goals

- **Technical paper on incorporating domestic wholesale/retail/transport margins into GTAP Model and Data Base**
 - **Assessment: This technical paper has been completed and is currently being reviewed. We have received one review and are waiting on another. Once the review process is completed it can be added to GTAP Technical Paper series.**

Review of Action Plan: Data Goals

- **Incorporate the IFPRI/UNDP social accounting matrices for Latin America into the GTAP 6 Data Base.**
 - **Assessment: There has been a lot of activity on incorporating new regions. Paolo Giordani from the IADB reports that work on converting the IFPRI/UNDP SAMs into GTAP format has started. The World Bank and UNECA (through the African Trade Policy Centre) are also working on the incorporation of new countries into v6.1.**

Review of Action Plan: Data Goals

- **Continue to improve the quality of national I-O data through the creation of user-friendly check programs and the review of current and missing I-O data.**
 - **Assessment: A report has been produced by Amer Ahmed and Terrie Walmsley examining the quality of the current I-O data in the GTAP Data Base and investigating countries which are not in the GTAP Data Base. As a result of this report we now have a “GTAP’s Most Wanted” list. This report also emphasizes the need to update old tables.**

Review of Action Plan: Data Goals

- **GTAP Technical Paper on the SAM aggregation program**
 - **Assessment: The technical paper and GAMS programs from Scott McDonald are now available on the web. Vitaly Kharitonov and Terrie Walmsley also created GEMPACK programs which are also available on the web site.**

Review of Action Plan: Data Goals

- **Develop a systematic approach to examining, reporting and improving the quality of the international datasets in the GTAP Data Base**
 - **Assessment: Jan Hagemeyer and Robert McDougall have produced a program to examine and compare the energy and services datasets. Reports on these datasets are included in the GTAP 6 Data Base documentation.**

http://www.gtap.agecon.purdue.edu/databases/v6/v6_doco.asp

Review of Action Plan: Data Goals

- **Report on “lessons learned” to improve timeliness of v7 or distinguish between data improvements and production of versions.**
 - **Assessment: Many of the delays to v.6. can be traced back to obtaining data inputs. Betina Dimaranan is currently working on a plan for interim releases of v6 and the release of v7. This will be discussed at the Board meeting.**

Research Goal

To actively participate in quantitative economic analysis of pressing global concerns.

- 1. Multilateral and bilateral trade agreements**
- 2. Global Environmental Issues**
- 3. Trade and Development**

Review of Action Plan: Research Goals

- **Refine and document Dynamic GTAP Model in anticipation of a dynamic modeling short course.**
 - **Assessment: Although the short course in the Dynamic GTAP Model did not attract sufficient participants to warrant holding a course, significant progress has been made refining and documenting the GTAP-Dyn Model. With Elena Ianchovichina from the World Bank, we are putting together a book on the Dynamic GTAP Model.**

Model Goal

To improve understanding and credibility of the GTAP-based models.

- 1. Enhance testing and evaluation of the GTAP-based models.**
- 2. Further enhance the ability of users to understand and explain model results (*long range*).**

Review of Action Plan: Model Goals

- **Workshop on parameter estimation and encourage research aimed at model validation. With funding from the USITC and organized by Joe Francois**
 - **Assessment: Unfortunately this workshop did not occur. We hope to hear from Joe Francois and Robert Koopman at the board meeting on progress.**

Review of Action Plan: Model Goals

- **GTAP Technical Paper on adjustment costs**
 - **Assessment: We are currently examining ways in which a graduate student can be brought in to work with Joe Francois to assist with this technical paper. There is also a special session on adjustment to trade reforms at the GTAP conference this year -- organized by Kym Anderson.**

Education Goal

To expand and improve global economic analysis education worldwide (both within and outside the network).

- 1. Promote learning among data base contributors.**
- 2. Use workshops and web-based products to provide specialized learning.**
- 3. Improve communication, learning, and transfer of knowledge within the Center.**
- 4. Improve marketing of GTAP courses.**

Review of Action Plan: Education Goals

- **Improve marketing of GTAP products through brochures and other web sites.**
 - **Assessment: Wally Tyner has taken to the lead on producing a brochure outlining the Center's activities. This brochure will be made available shortly.**
- **Hold annual GTAP Short Course in Purdue in August 2004**
 - **Assessment: The GTAP Short Course in August 2004 was again a success thanks to Judy Conner and all the instructors.**

Review of Action Plan: Education Goals

- **Hold Dynamic GTAP Short Course in Purdue in October 2004**
 - **Assessment: Unfortunately the short course in the Dynamic GTAP Model did not attract sufficient participants to warrant holding a course. A learning session has been scheduled to follow the 8th Annual Conference in Global Economic Analysis to market the model and gauge future interest.**

Network Goal

To increase effective participation in the global network, particularly in developing countries.

- 1. Obtain funding from donor agencies for developing country participants.**
- 2. Conduct more courses and conferences in developing countries.**
- 3. Review pricing to enable greater developing country participation.**
- 4. Foster communication within the GTAP network and beyond.**

Review of Action Plan: Network Goals

- **Review pricing policies and other methods available for funding outreach to developing economies.**
 - **Assessment: Outreach to developing economies has improved considerably this year with the 2006 conference to be held by UNECA in Ethiopia, the possibility of a course in India (sponsored by ERS, IGDIR and USAID) and the increase in I-O tables from developing economies. During the board we will outline what has occurred over the year and discuss ways in which we can continue to build relationships.**

Review of Action Plan: Network Goals

- **Aid in facilitation of 8th Annual Conference on Global Economic Analysis to be held in Lübeck, Germany, June 9-11, 2004**
 - **Assessment: Martina Brockmeier has done an outstanding job of organizing the 8th Annual Conference in Global Economic Analysis. She has worked closely with Ginger McColley on the web site and registration and paper submission process. Martina Brockmeier, Ginger McColley and Terrie Walmsley have also been working on ways in which we can improve the current web site and assist future conference hosts.**

Key Issues

- **Data Base Release Strategies**
- **Top Data Base Issues**
 - **Services, Taxes and Energy**
- **Staffing plan**
- **Increasing participation in Developing Countries**
- **Discussion of Other Data Base and Research Priority Issues**
 - **Protection, I-O tables – Africa, SplitCom, Sugar**