

ABARE now uses GTAP5 database in its GTEM database. A list of selected researches done at ABARE during the year 2002/03 that used the new database is given at the end of this report. In short GTAP database has been very useful to our work; indeed it plays a critical role in most of our work. We wish to show our sincere appreciation to all persons who contributed to the development of the database and have worked hard to improve its quality.

From our experience with the database, however, we hold the view that correct representation of technologies and policies in the database should be given a priority over any other database work. We also understand that the word correct needs to be defined in a practical, not necessarily convenient, way. In this respect we propose the board to consider on the following additional three points:

- set up a mechanism whereby at least consortium members, should they wish, have access to original national/ international databases from which the final database has been assembled;
- provide training to interested users on a fee basis on the methodology used to generate the global database from national/international databases; and
- set up a protocol on the use and sharing of the user-modified GTAP database with third parties.

### **ABARE research based on the GTAP 5 Data Base 2002-03**

Fairhead, L., Mélanie, J., Holmes, L., Ye Qiang, Ahammad, H. and Schneider, K. 2002, *Deregulating Energy Markets in APEC: Economic and Sectoral Impacts*, APEC#202-RE-01.3, ABARE, Canberra, August (ABARE RR 02.5)

Schneider, K., Ye Qiang, Curtotti, R., Ball, A., Liu Xiaoli, Wu Zhonghu, Gao Shixian, Jiang Xinmin and Su Zhengming 2003, *Natural Gas in Eastern China: The Role of LNG*, ABARE, Canberra, March (ABARE RR 03.1).

Ball, A., Hansard, A., Curtotti, R. and Schneider, K. 2003, *China's Changing Coal Industry – Implications and Outlook*, Canberra, March (ABARE eReports 03.3).

Roberts, I., Buetre, B., and Jotzo, F. 2002, *Agricultural Trade Reform and Special Treatment for Developing Countries in the WTO*, ABARE Report, Canberra, September.

Hester, S. and Ahamad, H. 2002

*The GTEM greenhouse gas emissions database: version 5*

Workshop on the Incorporation of Land Use and Greenhouse Gas Emissions into the Global Trade Analysis Project (GTAP) Database, Massachusetts Institute of Technology, Cambridge, 5–67 September (ABARE conference paper 02.16)

Buetre, B., Rodriguez, G. and Pant, H. 2003

*Data issues in general equilibrium modeling*

47th Annual Conference of the Australian Agricultural and Resource Economics Society, Fremantle, Western Australia, 12–14 February (ABARE conference paper 03.2)

Pant, H., Fisher, B. and Tulpulé, V. 2003

*Feasible GTEM baselines of the world economy for the next 100 years*

6th Annual Conference on Global Economic Analysis, The Hague, 12–14 June 2003 (ABARE conference paper 03.4)

Andrews, N., Buetre, B., Davidson, A., McDonald, D., Jotzo, F. and Fisher, B.S. 2003

*Agricultural trade reform: benefits for Australian broadacre agriculture*

Queensland Regional Outlook Conference, Toowoomba, 21 May (ABARE conference paper 03.7).