

Overview of Model and Courses (and other Research)

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Overview

- **Changing market for short courses**
- **Education role of GTAP**
- **Links with new model developments**
- **Brief snapshot of Trade and Development Research being undertaken at the Center**

Changing Market

- **Increased number of network members based in developing countries who:**
 - cannot afford to come to the standard short course
 - remain untrained (contributing to quality concerns)
- **Higher demand for smaller or more specialized courses**
- **Increased number of competing courses**
- **Power users moving away from GTAP model and building their own super-models**
- **Increasing demands on Center staff time as size of network and research ambitions grow**

GTAP's Role in Education

- **GTAP Web Course (preparatory)**
- **GTAP Short Course**
- **Dynamic GTAP Short Course (also includes preparatory web course)**
- **Contributing I-O Tables short course (materials to be placed on website for free)**
- **Graduate students (PhD program)**
- **Post-doctoral fellows**

Alternative Standard Short Course Design

Standard Short Course Materials available on the website

Dedicated instructor

(also available Free with no instructor)



2-day session after conference

- Participants divided into small groups by region to undertake Small Group projects culminating in presentation at a 2-day session after the conference



Special Topics

Based on technical papers/advanced modules

- Call for proposals for the development of advanced online modules.
- Revenue (from course fee) is shared between the developer and/or instructor.

Pros and Cons of New Course Design

- **Pros:**
 - **Extend free materials to broader audience, esp. participants developing countries; perhaps force others to provide more free stuff!!!**
 - **Minimize travel costs for participants and instructors; tie in with conference**
 - **Push out the frontier of modeling within the GTAP community**
- **Cons:**
 - **Expectations of support, even when free**
 - **Bosses may say: ‘just do the free stuff’**
 - **The course is still going well: Why fix it if it isn’t broken?**

Model Development

- **Technical papers are a very an important resource for network members. Survey!**
- **Insufficient time for staff members to cover all the topics which need to be covered.**
- **Encourage more technical papers.**
- **Technical papers could be linked in to advanced modules in short course proposal.**

Encourage more Technical Papers

New GTAP-E model and technical paper (McDougall and Golub)

Validation of the GTAP-E model (Beckman, Hertel and Tyner)

Incorporation of firm heterogeneity into the GTAP model (Fan Zhai)

Modelling EU agricultural policy (Alex Gohin)

Macro transmission in GTAP and real exchange rates (McDougall and Hertel)

PE-GE modeling (Narayanan, Hertel and Horridge)

Non-tariff barriers – measurement and modeling

The impact of alternative methods for aggregating protection (Bouët)

Model Linking (USITC)

Documentation and repository for other GE models

Terms of trade and Armington

What makes a good CGE paper?

How to change the standard GTAP model?

SplitCom application (Minor)

Trade and Development Research

- **Investment and Dynamics:** continue to use and further develop the Dynamic GTAP model. Current projects include the incorporation of bilateral foreign income flows; foreign direct investment; migration and global land use.
- **Poverty:** currently collecting additional household survey data, to extend regional coverage of poverty work. Work is also being undertaken on trade policy and nutrition.
- **Model Linking:** continuing to work on the implementation of PE/GE models within the GTAP modeling framework.
- **Migration:** working with the World Bank to obtain data on gender, age and migrant flows.

Interested in hosting a course?

Comments

Thank you