

Tentative Programme

Introduction to general equilibrium modelling using RunGTAP

Facilitator: David Vanzetti, Australian National University, Canberra

ESCAP, Bangkok 2-4th December 2015

Objective: To introduce participants to economy-wide policy analysis using an intuitive, menu-driven CGE model, RunGTAP, in order to thereby analyse real-world economic problems such as tariff reform, regional trade arrangements, migration, productivity changes, technology spillovers and climate change.

DAY 1: Introduction, installation and aggregation	
9:00 – 9:15	Registration of participants
9:15 – 9:30	Welcome and Opening: <ul style="list-style-type: none"> • [TBD]
9:30 – 11:00	Session 1: The GTAP idea <i>Installation of RunGTAP software</i> <u>Discussion</u>
11:00 – 11:30	Coffee break
11.30 – 13.00	Session 2: The GTAP database: Aggregation of regions and sectors (GtapAgg) <u>Discussion</u>
13.00 - 14.00	Lunch
14.30 - 15.45	Session 3: Looking at the data : ViewHAR <u>Discussion</u>
15.45 – 16.00	Coffee break
16.00 – 17.00	Session 4: Looking at the solution : ViewSol <i>Example: 3x3 model</i> <u>Discussion</u>

DAY 2: Theory about GTAP and simulations	
9:00 – 11:00	Session 5: Elements of the model – data, parameters, model <u>Discussion</u>
11:00 – 11:30	Coffee break
11.30 – 13.00	Session 6: Final demand, supply, factor markets, trade, taxes and welfare <u>Discussion</u>
	Lunch
14.30-15.45	Session 7: Running simulations <i>Shocks to tariffs and other variables</i> <i>Closure – determining which variables are exogenous</i> <u>Discussion</u>
15.45 – 16.15	Coffee break
16.15 – 17.00	Session 8: Reporting and interpreting results.

DAY 3: Scenarios and exercises	
9:00 – 10:00	Session 9: Unilateral, bilateral, regional, multilateral tariff reductions <u>Discussion</u>
10:00 – 11:00	Session 10: Domestic support <u>Discussion</u>
11:00 – 11:30	Coffee break
11.30 – 13.00	Session 11: Productivity shocks – droughts and floods <u>Discussion</u>
13.00 - 14.00	Lunch
14.30 - 15.45	Session 12: Trade diversion <u>Discussion</u>
15.45 – 16.15	Coffee break
16.15 – 17.00	Session 13: Closing and wrapping up <u>Discussion</u>