

EcoMod Modeling School

Trade Policy Modeling with GAMS



COURSE OBJECTIVES

Intensive course at the advanced level. The course will focus on dynamic trade policy modeling in a multinational and multisectoral general equilibrium framework with imperfect competition and recursive dynamics. This course is only accessible to those who have some experience in general equilibrium modeling and to the alumni of the EcoMod Modeling School or on-line courses. By the end of the course the participants will have acquired detailed knowledge of and extensive hands-on experience in:

- the structure of trade policy CGE models,
- building the database for such models,
- introducing imperfect competition in the models,
- building dynamic models,
- introducing expectations,
- building multinational and multisectoral models,
- modeling, quotas, tariffs, market access, non-tariff barriers,
- implementing the model on the computer using GAMS,
- advanced features of the GAMS software,
- formulating scenarios and running policy simulations,
- reporting and interpreting the results.

AUDIENCE

This intensive course is for those who have little or no experience in modeling and in GAMS. Participants should have knowledge of mathematics and economics to benefit from the course.

Content and Methodology:

The course uses a practical and very intensive approach to model building. The participants will actually build the model EcoMod step-by-step with guidance from the instructors: from small to large scale and from simple to complex structure. The participants will acquire extensive practical hands-on experience in building a complex, large-scale model. This will allow them to easily implement the first version of their own model using the GAMS codes of EcoMod.

FEES

The fee for the course is US\$2,760. This includes course materials (including a free course license of GAMS for two months), lectures, computer labs, morning and afternoon coffee breaks, receptions. University students and staff get a discount of 25 percent of the above mentioned amount. Please include a photocopy of your student or staff card.

REGISTRATION

For registration and further information, please contact Theresa Leary (Theresa.Leary@EcoMod.net) or visit www.ecomod.net

THE ECOMOD DIFFERENCE

EcoMod's Modeling School offers the world's leading professional training programs in general equilibrium, macroeconomic and financial modeling.

- Public programs are offered three times a year - in Asia, Europe and America.
- Online courses accept registrations at any time
- Custom programs are individually tailored to suit specific institutional needs.

ACTIVE LEARNING MODEL

The EcoMod learning model is an active process. Intensive hands-on sessions offer a step-by-step approach to learning modeling and software. Participants benefit from individual guidance from expert instructors.

DECADES OF EXPERIENCE

EcoMod Modeling School is at the forefront of the ever-evolving practice of policy modeling. All our faculty have extensive practical experience as leaders of modeling departments in major institutions, software developers, prominent academics, advisors to governments and business. The Head of the Modeling Division of the IMF, and the Head of the Econometric Modeling Unit of the European Commission are members of our faculty.

PROFESSIONAL NETWORK

EcoMod Modeling School has the largest alumni network of modelers in the world with members from more than 100 countries and 400 institutions. Participants from international and national institutions, central banks, government agencies, universities, companies, and individual economists have benefitted from our intensive hands-on courses.

