

EcoMod Modeling School

Microsimulation General Equilibrium Modeling with GAMS



COURSE OBJECTIVES

The course will introduce all the fundamental tools for developing microsimulation models in GAMS and their linkages with CGE models. By the end of the course the participants will have acquired detailed knowledge of and extensive hands-on experience in:

- Data preparation and matching of survey data
- Micro and macro data reconciliation:
- Balancing social accounting matrices and survey data using cross entropy distance
- Representative household approach in microsimulation
- Top down/bottom up approach in microsimulation
- Integrated approaches in microsimulation
- Sequential recalibration
- Building linkages with micro data sets
- Microsimulation and income distribution analysis
- Calibration of the integrated microsimulation model
- Implementation of the models in GAMS
- formulating scenarios and running policy simulations,
- reporting and interpreting the results.

AUDIENCE

The course will focus on constructing and implementing microsimulation general equilibrium models for policy analysis. 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.

FEES

The fee for the course is US\$3,465. 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.

A discount of \$500 is offered on the regular fee, and \$400 on the university fee for registrations and payments completed six weeks before the start of the course.

Institutional group rates are available for two or more persons attending during the same course period.

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.

