

EcoMod School of Modeling and Data Science

Advanced Techniques in General Equilibrium Modeling with GAMS



COURSE OBJECTIVES

The course will introduce all the basic tools for constructing and implementing large scale multi-national and multi-sectoral dynamic intertemporal general equilibrium models for policy analysis. By the end of the course the participants will have acquired detailed knowledge of and extensive hands-on experience in:

- the structure of dynamic models,
- building the database for such models,
- introducing imperfect competition in the models,
- building dynamic intertemporal models,
- introducing forward-looking expectations,
- building regional and multinational intertemporal models,
- 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

The course will focus on multinational and multisectoral modeling with imperfect competition and intertemporal dynamics. This course is only accessible to those who have some experience in general equilibrium modeling and to the alumni of the EcoMod School courses.

FEES

The fee for the course is US\$3,767.00. 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 off the regular fee. Please send a copy of your student or staff card to office@EcoMod.net. A discount of \$500.00 is offered on the regular fee, and \$400.00 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 Patricia MacNeil (office@EcoMod.net), or visit www.ecomod.net.

THE ECOMOD DIFFERENCE

EcoMod 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.
- 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 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 School has the largest alumni network of modelers in the world with members from more than 160 countries and 1400 institutions. Participants from international and national institutions, central banks, government agencies, universities, companies, and individual economists have benefitted from our intensive hands-on courses.

