1st IAERE School

COMPUTABLE GENERAL EQUILIBRIUM MODELS FOR ENVIRONMENTAL ASSESSMENT

September 26-29, 2016
Bocconi University, Milan

Deadline to apply: June 30, 2016

www.iaere.org/school
The Italian Association of Environmental and Resource Economists (IAERE – www.iaere.org) is launching a School series aiming at providing advanced training for young international scholars on issues of environmental and resource economics.

The 1st IAERE School will be organized in collaboration with IEFE - Center for Research on Energy and Environmental Economics and Policy of Bocconi University and will focus on Computable General Equilibrium Models for Environmental Assessment. It will take place in Milan, at Bocconi University, from the 26th to the 29th of September 2016.
**Objectives**
Computable General Equilibrium (CGE) models are now in the standard toolkit of any economist involved in the quantitative assessment of environmental policies and impacts. This short course is intended not only to provide a general introduction and overview for this class of models (without focusing on any specific model or software) but also to illustrate the main issues associated with interfacing economic and environmental models in this context.

**Topics**
- Software and tools for quantitative economic modeling
- CGE basic principles
- Integrated assessment
- Dynamic and stochastic CGE models
- Sensitivity analysis
- Impact and policy assessment

**Structure**
Three modules and one final discussion are scheduled each day:
- 09:30-11:00 Module 1
- 11:00-11:30 Coffee break
- 11:30-13:00 Module 2
- 13:00-14:00 Light lunch
- 14:00-15:30 Module 3
- 15:30-16:00 Discussion

The first day will begin at 9:00 with a welcome address and an introduction. A social dinner will be organized.
Prof. Dominique van der Mensbrugghe
Purdue University and Center for Global Trade Analysis (GTAP)
Keynote Speaker

Dominique van der Mensbrugghe is Keynote Speaker at the 1st IAERE School.

Dominique van der Mensbrugghe is Research Professor and Director of the Center for Global Trade Analysis (GTAP) at Purdue University. Prior to joining Purdue, he worked at a trio of international agencies—Senior Economist and Team Leader of the Global Perspectives Studies Team at the Food and Agriculture Organization of the United Nations (FAO), Lead Economist in the Development Prospects Group at the World Bank and Senior Economist at the Organisation for Economic Co-operation and Development (OECD). The focus of his work during his career has been on long-term structural change of the global economy and the analysis of global economic policy issues—including agricultural policies, regional and multilateral trade agreements, demographics and international migration, the Millennium Development Goals, and climate change. His work has appeared frequently in various economic journals and the agencies’ flagship reports and he is one of the world’s experts on global computable general equilibrium modeling. He holds both Belgian and U.S. citizenship, received his undergraduate degree in mathematics at the Université Catholique de Louvain in Belgium and a PhD in economics from the University of California, Berkeley.

Prof. Francesco Bosello
University of Milan and Fondazione Eni Enrico Mattei (FEEM)
School Co-Coordinator

Prof. Roberto Roson
Ca’ Foscari University of Venice and Institute for IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University
School Co-Coordinator

Dr. Fabio Eboli
Italian Ministry of Environment, Land & Sea / Sogesid

Dr. Alessandro Palma
IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University

Dr. Martina Sartori
University of Trento and IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University
Prof. Francesco Bosello
University of Milan and Fondazione Eni Enrico Mattei (FEEM)

School Co-Coordinator

Prof. Francesco Bosello is Co-Coordinator of the 1st IAERE School.

Graduated at the Ca’ Foscari University of Venice, Bosello received a Master degree in Economics from the University College of London (UK) and a Doctoral degree in Economics from the University of Venice. He is presently associate researcher at the Fondazione Eni Enrico Mattei (FEEM) of Milan, assistant professor of economics at the University Statale of Milan and affiliate scientist of the Italian “Euro-mediterranean Center for Climate Change” (CMCC). His main interests are focused on climate-change policy and modeling with particular emphasis on negotiation aspects of international environmental agreements and on optimal policy design considering adaptation and mitigation options. Currently his research activities concentrate in the area of climate change impact assessment and in the design of optimal mitigation and adaptation strategies developing integrated assessment modeling tools.

Prof. Roberto Roson
Ca’ Foscari University of Venice and IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University

School Co-Coordinator

Prof. Roberto Roson is Co-Coordinator of the 1st IAERE School.

Graduated at Venice University, Roson received a doctoral degree in Economics from the University of Umeå (Sweden). He has been “visiting fellow” at the Free University of Amsterdam, at the University of Warwick, at S. Francisco Xavier U. (Sucre, Bolivia), San Simon U. (Cochabamba, Bolivia), University of Barcelona, as well as at the World Bank (Washington) and at the Institute of Developing Economies – JETRO (Chiba, Japan). He is currently Professor at Ca’ Foscari University of Venice, teaching Industrial Organization and International Economics, and affiliated with the IEFE Research Centre of Bocconi University in Milan. He is the author of several articles published in books and international scientific journals, and coordinator of several applied research projects, including the European FP7 project WASSERMed. He has been consultant for several organizations, including: European Commission (JRC), World Bank, United Nations and FAO. His research interests deal primarily with environmental economics, computable models for economic policy simulation and with the industrial organization of service industries.
Dr. **Fabio Eboli**

Italian Ministry of Environment, Land & Sea / Sogesid

Dr. Fabio Eboli holds a PhD degree in Economics of Public Sector from University of Salerno, a MSc Degree in Environmental Economics from University of York and a BSc Degree in Economics from University of Salerno. He is currently employed at Sogesid, in-house company of the Italian Ministry of Environment, Land & Sea. He works as an Environmental Economist Senior at the Directorate-General on Sustainable Development, Environmental Damage and International Relationships. From 2007 to early 2016 he was a member of the FEEM Climate Change and Sustainable Development Research Programme. He cooperated with the Economic Analysis of Climate Impacts and Policy Division at the Euro-Mediterranean Center on Climate Change (CMCC). He took part in several EU Commission (Sixth and Seventh Framework Programme, Horizon2020) funded projects. His main research field is economic analysis of climate change impacts and policies through computable general equilibrium modelling.

Dr. **Alessandro Palma**

IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University

Dr. Alessandro Palma holds a Ph.D. in Environmental and Development Economics, Roma Tre University. He is Junior Research Fellow at IEFE. He is also teaching assistant in Environmental Economics at Roma Tre University. Previously he cooperated with the Food and Agricultural Organization (FAO) of the United Nations, Roma (Italy) and with the Department of Economics, Roma Tre University, Roma, (Italy). His main research interests are energy economics, environmental economics, and climate change economics.

Dr. **Martina Sartori**

University of Trento and IEFE - Center for Research on Energy and Environmental Economics and Policy, Bocconi University

Dr. Martina Sartori holds a PhD degree in Economics from the University of Milan (February 2013). In 2008, she graduated in International Economics at Ca’ Foscari University of Venice. She is currently working as post-doc researcher at the School of International Studies of the University of Trento, on the topic of Virtual Water Trade Networks. Her main research interests are about environmental economics, natural resources management, virtual water trade and computable general equilibrium modeling for policy assessment. She has been a research consultant at the World Bank (Washington, DC) and at the European University Institute of Florence, she collaborated as research fellow with the Euro-Mediterranean Centre for Climate Change (Lecce, Italy) and with the Centre for Research on Energy and on Environmental Economics and Policy (IEFE-Bocconi University, Milan). Her academic experiences include teaching microeconomics and industrial organization as a lecturer at Ca’ Foscari University of Venice.
**Target**
Graduate students and working professionals from any university, research institute, or other organization (private companies, government agencies, NGOs) with an interest in environmental issues and ability to read and write fluently in English. Advanced undergraduates will also be considered.

**Number of students**
The minimum number of students for the activation of the program is 20. The maximum number of students is 30.

**Participation Fees**
IAERE Members EUR 450 (this fee includes a 2016 IAERE memberships)
Non IAERE Members EUR 500 (this fee includes a 2016 IAERE memberships)

The participation fee includes:
- Downloadable course material
- Participation Diploma
- Coffee breaks and light lunches included in the School programme
- One social dinner

Accommodation is not included.
Any other meal not mentioned in the programme is not included.
Successful candidates will receive information about modes of payment once admitted to the School.

**How to apply**
Applicants are kindly requested to fill in the application form available at [www.iaere.org/school](http://www.iaere.org/school)

**Application deadline is June 30, 2016**