

Econometrics for Environmental Economics: Theory and Applications

8-18th January, 2012

Dhulikhel, Nepal

Course Description

SANDEE is organizing a two-week training course on Econometrics for Environmental Economics: Theory and Applications (EEETA) during January 8-18, 2012 in Dhulikhel, Nepal. This course is a practical course and is designed for current SANDEE researchers who want to apply statistical methods for analyzing data for their research projects. The course seeks to provide a general introduction to applied econometrics and its application in environmental economics.

Participants will receive hands on training on general statistical software, STATA, and will learn how to use STATA for applied econometrics work. It is a personalized training where participants will work with their own data that most of them have collected for their SANDEE research project.

Modules

This course is divided into three modules –

- Computer software: learning statistical software STATA
- Econometric theory and its application in environmental economics: learning applied econometrics methods that can be used on valuing environmental goods and services, such as, the production function approach, the travel cost method and contingent valuation method.
- Empirical applications: conducting valuation exercises using computer software(s) with real world data that participants have collected for their research projects.
- Project presentations: In the last two days of the workshops, participants will present their project works.

Participants

There will be 24 participants in the course. It is an in-house training to SANDEE researchers who need such econometric skills for completing their research projects.

Organization

Anuradha Kafle is the course co-ordinator, and Mani Nepal is the course director. Enamul Haque, Kensuke Kubo and Mani Nepal will be the main teaching faculties.

Faculty Profile

Enamul Haque is Professor at United International University, a private university in Dhaka, Bangladesh. He has a Master's degree in Economics as well as in agricultural economics. He has completed his doctoral degree from the University of Guelph, Ontario, Canada in Natural Resource Economics. Professor Haque has been a SANDEE research advisor for many years.

Kensuke Kubo is an applied economist who works in the field of empirical industrial organization. He holds a Ph.D. and masters degree in agricultural and resource economics from the University of California, Berkeley, and an undergraduate degree in economics from Keio University in Japan. Dr. Kubo is currently a visiting scholar at the Indian Statistical Institute in Delhi with his primary affiliation being that of a Research Fellow at the Institute of Developing Economies, Japan External Trade Organization in Chiba, Japan. Kubo has extensively published both in English and Japanese in peer-reviewed scholarly journals. His current research interests include the role of patent protection in the Indian pharmaceutical market and the effectiveness of energy efficiency labeling programs for household appliances in India.

Mani Nepal is a Senior Environmental Economist at SANDEE. He has a MS degree in Policy Economics from the University of Illinois at Urbana-Champaign and doctoral degree from the University of New Mexico in Resource and Environmental/Development Economics, and Applied Econometrics.