**Workshop on E3 Modeling toward Sustainable Low Carbon Asia(Ⅰ)**

1. **Aims of the workshop**

The Aim of this workshop is to analyze the effect on economy(GDP, employment etc.) and environment(CO2 emission etc.) of the energy and low carbon policies of East Asian countries (Japan, China, Korea, Taiwan and ASEAN) by using the E3 (Environment-Energy-Economy) model, mainly E3MG macro econometric model and CGE(Computable General Equilibrium) model. E3MG specialists of Cambridge Econometrics and many Asian E3 model specialists will take part in this workshop. This study will suggest desirable environmental and energy policy designs and cooperation in East Asia countries to contribute sustainable low carbon economy in this area.

1. Program

October 20(Sun.) 2013 09:00~18:30

Refresh Room of Faculty of Economics, Kyoto University

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|  | Presenter | Title | Time |
| 09:00 ~09:10 | Soocheol Lee, Professor, Meijo University | Aim of this Workshop | Greeting |
| 09:10 ~09:40 | Kiyoshi Fujikawa Professor Nagoya University | Features and Challenges of E3 Modeling for Sustainable Low Carbon Japan | Keynote  speech |
| 09:40 ~10:40 | Seung-Rae Kim, Ph.D. Associate Professor  Hallym University | Environmental Tax Reform for Green Growth in Korea : The Design and Economic Effects of a Carbon Tax Scheme(30 min) | Presentation  &  Discussion |
| 10:40 ~11:00 | COFFEE | BREAK |  |
| 11:00 ~12:00 | Oh Sang KWON Professor, Seoul National University | Green Tax Reform and Automobile Energy Consumption in Korea: A Discrete-Continuous Choice Model Approach(30 minutes) | Presentation  &  Discussion |
| 12:00 ~13:00 | LUNCH | LUNCH |  |
| 13:00 ~14:00 | Youngho Chang, Assistant Professor, Nanyang Technological University | Economy, Energy and Environment Modeling in ASEAN: Trends and Challenges(40 min) | Presentation  &  Discussion |
| 14:00 ~15:00 | Jun Pang, Associate Professor Renmin University of China | The Impacts of Resource Tax Reform and Complementary Policies on Chinese Economy: a CGE　Analysis(30 min) | Presentation  &  Discussion |
| 15:10 ~15:30 | COFFEE | BREAK |  |
| 15:30 ~16:30 | Shih-Mo Lin Professor, Chung Yuan Christian University | Renewable Energy Modeling in Taiwan(30 min) | Presentation  &  Discussion |
| 16:30 ~17:30 | Unnada Chewpreecha, Manager, Cambridge Ecnometrics | E3MG: A demand driven approach to E3 modeling(20) | Presentation  &  Discussion |
| Pollitt Hector, Director, Cambridge Ecnometrics | Japan’s CO2 Emission Targets in The Context of Abenomics(20) |
| 17:30 ~18:30 | General Discussion for the future modeling | General Discussion for the future modeling | Discussion |

Note: Meet at 08:30, 20th of October in the lobby of Westin Miyako Kyoto Hotel leaving for Kyoto University