

International Workshop on Policies for a Low-Carbon Society in Developing Countries

ORGANIZER Hiroshima International Center for Environmental Cooperation (HICEC), IDEC, Hiroshima University

DATE November 11 (09:00~18:30)

VENUE Large Meeting Room, IDEC, Hiroshima University (Higashi-Hiroshima Campus)

BACKGROUND AND PURPOSE

The GELs program will invite **Dr. Lee Schipper, one of the Recipients of Nobel Peace Prize, 2007 for participation in two Intergovernmental Panels on Climate Change (Second and Third Assessments)** during November 8~12 2009. Now, Dr. Schipper is a Senior Research Engineer, Precourt Energy Efficiency Center, Stanford University; a Project Scientist, Global Metropolitan Studies, University of California Berkeley. He was the previous director of EMBARQ, the WRI Center for Sustainable Transport (WRI: World Resource Institute). He earned his Ph.D. in astrophysics, but has devoted his career to earthly problems of transport, energy and environment, particularly as these challenges related to large urban areas. He has published a lot of influential papers in Science, Energy Policy, Annual Review of Energy and the Environment, Annual Review of Energy, Transport Research, Transport Policy, and Transportation, etc. He also published a lot of influential reports to international agencies like WB, ADB, OECD, and International Energy Agency, and a number of books on energy economics, energy use and energy conservation, and transportation around the world. He got his Ph.D. in physics from Univ. of California, Berkeley in 1985. His work has been supported by an unusual variety of sponsors. In short, **Dr. Lee Schipper is an all-round player in the fields of energy, environment, and transportation.**

Since the GELs program started in July 2008, our research members have been working very hard under five sub-programs: urban system design to prevent global warming (USD), wise use of biomass resources (WUBR), environmental impact assessment (EIA), policy and institutional design (PAID), and development of environmental education (DEE). The primary focus of the GELs program is on the issues of global warming and the achievement of a low-carbon society, and it is required to clarify *how to realize a low-carbon society in developing countries* by making full use of the *experiences in developed countries*. Especially, it is important *how to design the transition processes* from the current chaotic situations in developing countries to sustainable states. This should be examined in various sectors from different disciplines, by focusing on different actors including government, firms, and civil society. Therefore, *the purpose of this international workshop will be to discuss policies for the low-carbon society in developing countries.*

You are welcome to participate in the workshop. The contact information of the workshop is shown below. Please feel free to contact us if you have any question or request.

Organizer's contact information

Dr. Junyi Zhang, GELs-USD Sub-Program Leader, Secretary General of the Workshop, Associate Professor of the Graduate School for International Development and Cooperation, Hiroshima University, 1-5-1 Kagamiyama, Higashi Hiroshima City, Japan, 739-8529
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PROGRAM

Morning Session: Research (a closed session within GELs program)

- 09:00~09:10 Welcome Speech and Introduction of GELs Program
Prof. Akimasa Fujiwara, GELs Program Leader
- 09:10~09:35 Dr. Junyi Zhang
An Activity-based Analysis of Household Energy Consumption in Asian Megacities
- 09:35~10:00 Dr. Sudarmanto Budi Nugroho
Private Motorized Urban Mobility and Its Impacts on Idle Emissions Measurement Program in Indonesia
- 10:00~10:25 Dr. Han SooLee
Localizing Climate Assessment Modeling
- 10:25~10:50 Dr. Toshiaki Kondo
Pollination system in tropical rainforest revealed by genetic markers
-Toward the balancing of natural resources usage and carbon sink protection-
- 10:50~11:15 Dr. Satoru Komatsu
Climate Change Policy and Sustainable Development:
A Case Study on Rural Electrification in Bangladesh
- 11:15~11:40 Dr. Johannes Breit
Urban Migration and its Energy Implications in Developing Countries
- 11:40~12:00 Discussions with Guests
- 12:00~13:30 Lunch

Afternoon Session: Policies (open to the public)

- 13:30~15:00 **Keynote speech, Dr. Lee Schipper**
Climate Change and Energy/Environmental Policies
- 15:00~16:00 Dr. Henry Bastaman, Deputy Minister of the Community Empowerment and Environmental Communication, Indonesia
Building Community Resilience to the Security Implications of Climate Change
- 16:00~16:15 Break
- 16:15~16:40 Dr. Takao YAMASHITA
Adaptation Measures with Consideration of Climate Variation
- 16:40~17:05 Dr. Nobukazu NAKAGOSHI
Ecological City Planning in Hiroshima
- 17:05~17:30 Dr. Shinji KANEKO
Climate Change Implications of Development Projects
- 17:30~17:55 Dr. Akimasa FUJIWARA
Policies for a Low Carbon Transportation System in Hiroshima City
- 17:55~18:00 Closing Remark: Prof. Hideo Ikeda, Dean of IDEC
- 18:30~ Party

Chair of the Workshop: Prof. Dr. Akimasa Fujiwara, GELs Program Leader, Vice Dean of IDEC
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