

Osaka University Research Institute for Sustainability Science

Osaka University International Symposium

“Strategies to Achieve a Sustainable Closed-loop Economy in Asia”

First Symposium by RISS, Osaka University



◆ Objectives

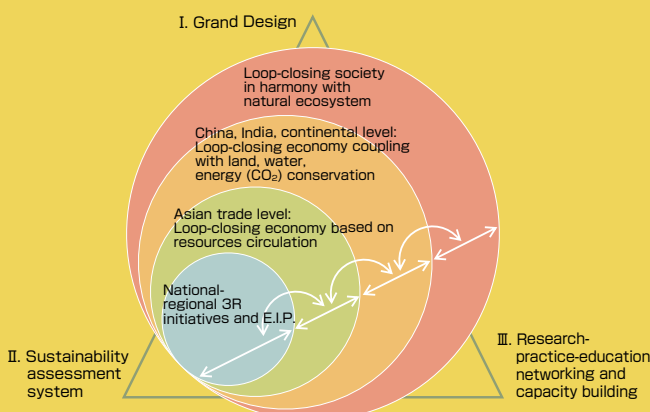
The Osaka University RISS Symposium, held in Japan for the first time, is aimed to exchange progressive strategies regarding social and environmental changes, industrial transformation and so on.

The rapid economic growth of the 21st centuries is greatly influenced by science and technology, especially the engineering-based technological innovation and invention. However, due to this extra-ordinary rapid growth, many environmental problems emerged. Some of the most critical environmental problems that mankind are facing now are environmental pollution, energy and resource depletion, climate change, biodiversity loss and overpopulation in urban regions. Such problems are posing great threats to survival of human being, not to mention the sustainability of development.

Today technological development plays an extremely important role in addressing the transition towards a sustainable society. We need an integral innovative system that allows economy to grow in order to provide higher standard of living for the people while eliminating over-stress on our fragile environment.

Osaka University is fully committed to the realization of a secure and resilient society that ensures human fulfillment and development in harmony with our natural environment by promoting and enhancing the creation, cultivation and dissemination of knowledge. To this end, we are engaged in trans-disciplinary efforts to design a closed-loop economy through the most advanced eco-innovation of science and technology.

Sustainability Science plays a key role in providing knowledge and know-how in the pursuit of an integral innovation system towards sustainable development. In this symposium, scholars and researchers from China, South Korea, Vietnam and Japan, will exchange innovative ideas and strategies in environmental and social changes, policy innovation, industrial transformation, etc, to achieve a closed-loop economy in Asia. This symposium is expected to contribute greatly to the advancement and cooperation of the research and education activities in Asia towards a sustainable society.



◆ Date

22nd November, 2006

◆ Venue

Ichō Kaikan (3F, Hankyu Railway/Sanwa Bank Hall), Osaka University



◆ Organized by

Osaka University Research Institute for Sustainability Science (RISS)

◆ Co-organized by

Integrated Research System for Sustainability Science (IR3S)
Hokkaido University Sustainability Governance Project (SGP)
Global Environment Forum-KANSAI

◆ Supported by

Kansai Economic Federation

◆ Admission

Free (open to the public)

◆ Language

English/Japanese (Simultaneous translation)

◆ Application

Email or fax your application to the address mentioned at the back of this leaflet

◆ Secretariat

Osaka University Research Institute for Sustainability Science

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2-1 Yamada-oka, Suita, Osaka 565-0871

TEL/FAX: 06-6879-4150 E-mail: event@riss.osaka-u.ac.jp

◆ Program ◆

Opening Message 9:00-9:20 Prof. Masao Toyoda, RISS Executive Director, Osaka University, Japan

Morning Session Sustainability Science in Asia: Challenges and Opportunities

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| Lecture1 : 9:20-10:00 | Prof. Rusong Wang, Chinese Academy of Sciences, China
"Switch the Eco-complexity of Production-Consumption into Sustainability of Efficiency-Harmony" |
| Lecture2 :10:00-10:40 | Prof. Jung Wk Kim, Seoul National University, Korea
"Current Environmental Issues in South Korea and Policies toward Sustainable Society" |
| Lecture3 :10:40-11:20 | Prof. Yangting Wu, Shanghai Jiao Tong University, China
"Strategies and Environmental Problems of China" |
| Lecture4 :11:20-12:00 | Prof. Kazuyoshi Okazawa, The University of Tokyo, Japan
"Multiple Approaches to Asian Sustainability" |

Lunch

Afternoon Session1 How to Develop a Sustainable Closed-loop Economy in Asia
–Viewpoints of Social System Design

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| Lecture5 :13:00-13:40 | Prof. Xi Wang, Shanghai Jiao Tong University, China
"On the Circular Economy Legislation of Shanghai City Guided by the Ideal of Circular Economy Society" |
| Lecture6 :13:40-14:20 | Dr. Phung Thuy Phuong, University of Natural Sciences, Ho Chi Minh City, Vietnam
"Environmental Management in Industrial Development: Resources Conservation and Material Recycling Strategy in Vietnam" |
| Lecture7 :14:20-15:00 | Prof. Minjun Shi, Graduate University, Chinese Academy of Sciences, China
"Towards a Closed-loop Economy: Experiences from Zhejiang of China" |

Intermission

Afternoon Session 2 How to Develop a Sustainable Closed-loop Economy in Asia
–Viewpoints of Technology Development and Natural Science

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| Lecture8 :15:20-16:00 | Prof. Yutaka Saito, Hokkaido University, Japan
"Key Obstacles to Establishing Sustainable Agriculture and Environments" |
| Lecture9 :16:00-16:40 | Dr. JoongWoo Ahn, Yuhan-Kimberly Corporation, Korea
"What does Sustainability mean to Yuhan-Kimberly" |
| Lecture10 :16:40-17:20 | Prof. Yasushi Umeda, Osaka University, Japan
"Toward Sustainable Circulation of Products among Asian Countries" |

Closing Message 17:20-17:30 Prof. Tohru Morioka, RISS Director, Osaka University, Japan

Reception 18:00-20:00 Restaurant Minerva, Icho Kaikan (¥4000)

**Osaka University Research Institute for Sustainability Science
First Symposium by RISS, Osaka University Application Form**

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Osaka University Research Institute for Sustainability Science
The Secretariat: Ms. Isoda and Motoki

Name	●	
Affiliation	●	
Address	● 〒	
Phone	●	
FAX	●	
E-mail	●	
Reception	●	Yes No