

OVERVIEW

Waste management is a great challenge worldwide, especially in the Asia-Pacific's megacities, which are currently experiencing substantial economic growth. From the perspective of the social structure and background of waste generation, it is our mission to promote proper waste management and spread the concept of the 3R principle (Reduce, Reuse, and Recycle) in our societies. It has become a common goal for the international community to minimize both raw material consumption and establish a society with a minimal environmental load by minimizing waste generation, encouraging cyclic use and proper waste treatment and disposal. The basic concept of 3R is to establish a Sound Material-Cycle Society and at the same time is to preserve resources and control hazardous substances.

The 3R concept is closely associated with entire communities. It will affect various social aspects, such as the direction of industry, patterns of consumption, use of resources and energy, and our relationship with the environment. It will also require the establishment of much more effective policy systems. We should respect the need for this concept to become deeply rooted in our society and should promote technologies, social systems, and policy research to back up and establish better 3R principles and waste management systems. The aim of 3R International is to provide, and serve as a platform for, academic activities that promote a 3R society. A wide range of academic fields, including physics, chemistry, engineering, medicine, policy science, economy, and law, need to serve as keystones that support 3R development. It is essential that we strengthen mutual ties and have interdisciplinary discussions among these areas.

We are holding the 3R International Conference on Material Cycles and Waste Management (3RINCs) as an open academic platform. We are calling for scientifically and academically based presentations from all stakeholders in the management of material cycles and waste management, including product designers, operators, suppliers, environmental authorities, and academics all over the world.

SCIENTIFIC PROGRAM

The scientific program will consist of lectures and posters on the following topics:

- 3R (Reduce, Reuse, and Recycling) challenges
- Waste and recycling resource statistics and data collection and processing
- MSW characterization and management
- Biomass waste utilization
- E-waste recycling and management
- ELV (end-of-life vehicle) recycling and management
- Construction and demolition waste
- Waste to energy
- Industrial waste characterization and management
- Disaster waste and marine debris management
- Hazardous waste management
- Asbestos
- Radioactively contaminated waste and low-level radioactive waste
- Waste landfill and disposal
- Greenhouse gas control and waste management
- Systems analysis, life cycle analysis, substance flow analysis, and others
- Policy, institutions, and financial measures



Leading papers selected by the Conference Organizer will be processed, and then revised and updated as necessary, for publication in special issues of the *Journal of Material Cycles and Waste Management*, which is published by Springer.

ORGANIZATION

THE 3R INTERNATIONAL CONFERENCE ON MATERIAL CYCLES AND WASTE MANAGEMENT (3RINCs) is organized by academic societies of Asian and Pacific countries, including the Korea Society of Waste Management (KSWM), Japan Society of Material Cycles and Waste Management (JSMCWM), Chinese Society for Environmental Sciences (SSW-CSES) and other regional and global networks.

3RINCs SCIENTIFIC COMMITTEE

- Prof. Dr. Agamuthu Periathamby (*University of Malaya, Malaysia*)
Prof. Dr. Akiko Kida (*Ehime University, Former President of JSMCWM*)
Mr. Albert Altarejos Magalang (*Environmental Management Bureau, Philippine*)
Dr. Atsushi Terazono (*NIES, Japan*)
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Prof. Dr. Chettiyappan Visvanathan (*Asian Institute of Technology (AIT), Thailand*)
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Dr. Gil-Jong Oh (*National Institute of Environmental Research, Korea*)
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Prof. Surya Man Shakya (*Pokhara University, Nepal*)
→ Dr. Tomonori Ishigaki (*NIES, Japan*)
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Prof. Dr. Yong-Chul Jang (*Chungnam National University, Korea*)
Prof. Dr. Yong Feng Nie (*Tsinghua University, China*)
Prof. Dr. Woon-Ho Yeo (*University of Incheon, Korea*)
Prof. Dr. Zhao Youcai (*Tongji University, China*)

Registration Fee

- USD 500 Full conference participation, registration no later than Feb. 28
- USD 600 Full conference participation, registration after Feb. 28
- USD 250 Student registration no later than Feb. 28
- USD 300 Student registration after Feb. 28
- USD 300 Accompanying persons (including an invitation to the banquet on May 22)
- USD 80 Banquet only (May 22)

CONFERENCE SECRETARIAT (3RINCs 2015 in Korea)

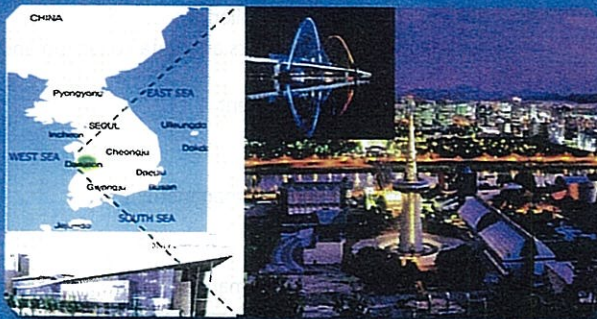
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Convention Venue in Daejeon, Korea

Location



National Science City

KRISs Korea Research Institute of Standards and Science

KIMM KOREA INSTITUTE OF MACHINERY & MATERIALS

KRICT Korea Research Institute of Chemical Technology

KAERI Korea Atomic Energy Research Institute

KIER KOREAN INSTITUTE OF ENERGY RESEARCH

KAIST Korea Advanced Institute of Science and Technology

CNU CHUNGNAM NATIONAL UNIVERSITY

Attractions



Donghaksa Temple



Baekje Culture Site



Yuseong Hot Spa



National Science Museum

CALL FOR ABSTRACTS

<http://3ri2015.org>

The 2nd 3R International Conference on Material Cycles and Waste Management

CALL FOR ABSTRACTS

Deadline: **20 February 2015**

For more details in abstract format, Contact <http://3ri2015.org>

IMPORTANT DATES

Deadline for abstracts: **20 February 2015**

Deadline for early registration: 28 February 2015

Conference: 21-23 May 2015

Welcome reception: evening of 21 May 2015

Banquet: evening of 22 May 2015

Technical tour: 23 May 2015

21-23 May 2015
DCC(Daejeon Convention Center)
Daejeon, Republic of Korea