

# Call for Abstracts: the 5<sup>th</sup> 3RINCs



**The 5<sup>th</sup> 3RINCs [3R International Scientific Conference on Material Cycles and Waste Management] in Thailand on 27–28 February, 1 March 2019 at Pullman Bangkok King Power**

<http://3rincs.org>

## IMPORTANT DATES

Deadline for abstracts: **7 December 2018**

Deadline for early registration: **28 January 2019**

Conference: **27-28 February, 1 March 2019**

### **ORGANIZATION (tentative)**

**ORGANIZER:** Kasetsart University (KU), King Mongkut's University of Technology Thonburi (KMUTT) National Institute for Environmental Studies (NIES), Japan, Solid Waste Management Association -Thailand (SWAT) Pollution Control Department (PCD) under Ministry of Natural Resources and Environment (MONRE)

**CO-ORGANIZERS:** Japan Society of Material Cycles and Waste Management (JSMCWM) Korean Society of Waste Management (KSWM) Society for Solid Waste, Chinese Society for Environmental Sciences (SSW-CSES) and other regional and global academic networks

**SUPPORTERS:** UNCRD (United Nations Centre for Regional Development), UN Environment-IETC (United Nations Environment Programme- International Environmental Technology Centre), ISWA (International Solid Waste Association), IGES (Institute for Global Environmental Strategies), JICA (Japan International Cooperation Agency), MOEJ (Ministry of the Environment Government of Japan)



## OBJECTIVES

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 and 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 aim 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 3RINCs is to provide, and serve as a platform for, academic activities that promote a 3R society. The relationship between 3RINCs and Regional 3R Forum in Asia-Pacific is complementary. 3RINCs aims to provide scientific and technical input to policy discussions at the intergovernmental Regional 3R Forum around emerging issues of concern. 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 across these areas.

## TECHNICAL TOURS & CULTURAL PROGRAM

You will have a chance of visiting recycling and waste treatment plants, 3R related facilities. Also, you can visit many historical and beautiful places. Please wait for the updated information.

## PARTICIPATION FEES

USD 500	Full conference participation, registration no later than 28 January 2019
USD 600	Full conference participation, registration after 28 January 2019
USD 250	Student and participants from LDC* registration no later than 28 January 2019
USD 300	Student registration after 28 January 2019
USD 80	Accompanying persons (including an invitation to the banquet)
USD 80	Banquet only

As part of their registration, participants will receive the abstract book or electronic media, tea and other non-alcoholic drinks, lunches, and an invitation to the welcome reception and banquet. \*LDC (least developed country): Listed countries by UN

## SCIENTIFIC PROGRAM

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

- 3R (Reduce, Reuse, and Recycling) challenges
- SDGs related to 3R, circular economy and others
- Waste and recycling resource statistics and data collection and processing
- Municipal solid waste characterization and management
- Biomass waste utilization
- E-waste and ELV (end-of-life vehicle) recycling and management
- 3R of plastic waste
- Disaster waste and marine debris management
- Construction and demolition waste
- Waste to energy
- Industrial waste characterization and management
- Hazardous waste management
- Asbestos
- Radioactively contaminated waste and low-level radioactive waste
- Waste landfill and disposal
- Greenhouse gas control
- 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.

## CONFERENCE SECRETARIAT

### 3RINCs 2019 in Thailand

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