

Special Session 5: March 18, 14:45–16:15 (JST)

Resource Circulation Strategy for Carbon Neutrality

Organized by the Korea Society of Waste Management (KSWM)

Resource circulation strategy for carbon neutrality, one of the important agendas during 3RINCs 2022 special topic, can become a platform in the field of solid waste management to raise the significance and consequences of resources recovery from waste materials, to discuss the scientific solutions for carbon reduction by circular activities, and to inform the new aspect of waste management in the world.

The aim of this special session is to promote the academic knowledge exchange in the field of resource circulation and carbon neutrality. Thus, we sincerely wish all participants and audiences to share would share their knowledge and experiences among international experts and professionals to promote mutual understandings in these areas through this session.

3RINCs 2022 would like to invite all of you in Asia, Europe, America, Oceania, and Africa to explore and strengthen the network among academic and field professionals in resource circulation towards carbon neutrality well as the world's concerns on the waste management.

Programme

*Chair: Prof. Yong-Chul Jang, Chungnam National University, Vice President & Chair of International Affairs of KSWM, Korea

- 1) Korea Circular Economy towards a carbon-neutral society:
Mr. Yongho Yoo
Deputy director, Korea Ministry of Environment, Korea
- 2) Medium- to Long-term Scenarios for Achieving Net-Zero Greenhouse Gas Emissions by 2050 in the Material Cycles and Waste Management Sector
Ms. Madoka YAMAMOTO
Assistant Manager, Section of Environment & Energy Policy, Pacific Consultants Co., Ltd.
Mr. Ryota II
Manager, Section of Environment & Energy Policy, Pacific Consultants Co., Ltd.
The presentation will be on a scenario analysis conducted on behalf of the Ministry of the Environment, with an objective to investigate paths for achieving net-zero greenhouse gas emissions in this sector. The results imply that this sector can reach net-zero, or even net-negative emissions, by 2050.
- 3) Strategy of sustainable solid management in EU towards carbon neutrality
Prof. Junbeum Kim
University of Technology of Troyes, France

Followed by **QA session**