

## International symposium

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# Collaboration of Upstream and Downstream Cycles of Plastics

プラスチック資源循環における動静脈連携

**Sep 9<sup>th</sup> (Mon) 13:00 – 15:00 (Japanese time)**  
**Onsite (Tsukuba, Japan) and online (Zoom)**

In this symposium, focusing on plastic cycles, we will share advanced efforts in which plastic waste is used as recycled raw materials in upstream industries after it is collected and processed, and discuss how the waste management and upstream manufacturing industries can collaborate to create a social and technological system to realize a decarbonized society and circular economy.

### Chair

**Prof. Reiko Sodeno, Chair of International Committee, JSMCWM**  
**Prof. Jae Hac Ko, Chair of International Committee, KSWM**

### Opening address



**Opening remarks by Prof. Masaki Takaoka,  
President of JSMCWM**

### Speakers and topics

**Prof. Toshiaki Yoshioka, Tohoku University, Japan**  
**Circular Industry through Plastic Recycling**



**Prof. Sungyup Jung, Kyungpook National  
University, Korea**

**Thermochemical Treatments for Plastic Waste  
Mixture**

**Mr. Reinhard Schu and Ms. Kirsten Schu,  
EcoEnergy, Germany**

**Innovative Recycling Technologies and Legal Frameworks: The  
Role of the European Green Deal in Shaping Waste Management  
in Europe – Focus on Plastic Waste and Shredder Residues**



**Dr. Chika Aoki-Suzuki, IGES, Japan**

**Towards effective treaty - reflections from  
Intergovernmental Negotiating Committee (INC1-4) on  
Plastic Pollution**

★Registration  
for online



### Closing address



**Closing remarks by Prof. Seok Wan Kim,  
President of KSWM**