

## 3RINCs 2026

**Special Session : March 9, Time:15:30-17:00(ICT/GMT +7)**

### **Perspectives for Disaster Waste Management (DWM)**

#### **: From the case of disaster waste estimation**

*Organized by JSMCWM\*\**

*\*The Japan Society of Material Cycles and Waste Management*

**Registration \*This Special Session is open to the public by online (for free)**

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We have witnessed various natural disasters in recent years, including earthquakes, typhoons, and hurricanes. Once a vast natural disaster happens, a tremendous amount of waste is generated. Properly treating and managing such disaster waste, “Disaster Waste Management (DWM),” is a critical issue for us.

In response to the risk of such disaster waste, several “guidelines for DWM” have been developed in Indonesia, the Philippines, and Thailand.

In line with these guidelines, we will try to consider the “perspectives toward the Disaster Waste Management”. At first, we will assess the current flood disasters in Thailand and identify issues in disaster waste management. Then, we present specific activities to develop a methodology for disaster waste estimation before/after the disaster. The lack of a particular methodology is a common issue of DWM in Asia. Finally, we will discuss the perspectives for the DWM. The key will be “establishing the regional/international network for 1. Sharing knowledge and experience, and 2. Co-establishing policies/tools/academic achievements, etc., to enhance proper DWM.

*This session is supported by the Ministry of Environment, Japan.*

## Program

### Session Chairs:

Shintaro Higashi

(JSMCWM, NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.)

### 15:30-15:35 Introduction

### 15:35-15:45 Keynote

The Ministry of Environment Japan (MOEJ)

### 15:45-16:00 Presentation 1:

#### Flood in Southern Thailand in 2025 and Northern Thailand in 2024 and DWM

Dr. Nopparit Sutthasil (Mae Fah Luang University, Thailand)

### 16:00-16:15 Presentation 2:

#### The methodology to estimate the amount of Disaster Waste

Assoc Prof. Dr. Eng. Maryono, ST., MT from Diponegoro University (Indonesia)

### 16:15-17:00 Discussion

- Perspectives toward the proper DWM - from the case of disaster waste estimation

[Resource persons for discussion]

Name	Affiliation
Prof. Maria Antonia Tanchuling	University of Philippines Diliman, the Philippines
Assoc. Prof. Dr. Sirintornthep Towprayoon	The Joint Graduate School of Energy and Environment King Mongkut's University of Technology Thonburi, Thailand
Prof.Ir. Muhammad Agung Wibowo, MSc. Ph.D, Asean Eng.	Diponegoro University, Indonesia
Dr. Ryo Tajima	National Institute for Environmental Studies, Japan

- Wrap Up