

Date : 13:00-14:30, 16th March (Monday) 2020

Room : Tsukuba International Congress Center, Main Convention Hall

Theme : "Solid Waste Quantity Generated in the World"

Background :

Recently population on the earth increases gradually to reach to 7.8billion in 2020. and GDP per capita also increases.

Natural resources consumption also increases so much. You can guess solid waste quantity generated in the world drastically increase every year even though we aim to create zero waste society. It means we are going to the mass production, mass consumption and mass solid waste generation society. Based on these data, we like to discuss on global environmental issues and solid waste management problems.

Solid Waste Quantity generated in future (up to 2050) in the world has been estimated recently by the Institute of Solid Waste Management Engineering, Japan. Solid waste generation quantity is influenced by population and GDP. Solid waste quantity is basic information for planning of solid waste management in future.

Topics to discuss

The following contents or topic are recommended to be included in the contents in presentation.

- i. How do you estimate solid waste quantity and quality generated in future?
- ii. How do you utilize those data for the future of solid waste management?

Program :

Facilitators:

Dr. Masahiro Osako (Director of Solid Waste Management Research Center, NIES, Japan)
Prof. Agamuthu Pariatamby (Sunway University, Malaysia)

Keynote Speaker:

Dr. Masaru Tanaka (President of SWAPI, Director of Research Institute of Solid Waste Management Engineering, Japan)

"Estimation and Forecasting of Solid Waste Quantity Generated in the World (2000-2050)"

Speakers:

Prof. Kurian Joseph (Anna University, Chennai, India)

"Challenges of Urban Solid Waste Generation Forecasting"

Prof. P. Agamuthu.(Jeffrey Sachs Center on Sustainable Development, Sunway University, Malaysia)

"Estimation of plastic waste and marine plastic debris "

Prof. Enri Damanhuri (Institute of Technology Bandung, Indonesia)

"How Indonesia Estimates Its Municipal Solid Waste Generation in Future"

Panel Discussion