

TOWARDS IMPROVING SANITATION AND WASTEWATER MANAGEMENT: CHALLENGES AND GOOD PRACTICES IN THE ASIA-PACIFIC REGION



**Regional Process ▫ Asia-Pacific region ▫ THEME 'PEOPLE' ▫
'Integrated Sanitation for All'**

<u>Session organized by:</u>	Japan Sanitation Consortium (JSC)
<u>Co-organized by:</u>	Water Environment Partnership in Asia (WEPA) Japan International Cooperation Agency (JICA) WaterAid India

MONDAY 19 MARCH 2018 ▫ 16.30 – 18.00

Brasilia, Brazil ▫ Room 6

The Asia-Pacific region has problems related to both sanitation and wastewater management. On the one hand, there is a large proportion of its population without access to basic sanitation, particularly in rural areas, but, for some countries, this problem is not limited to rural areas but can also be found in some parts of urban areas. On the other hand, the pollution of the water environment is worsening in the rivers, lakes and coastal waters of a great majority of countries, which is particularly threatening the sustainable and healthy development of their urban economy.

The session will review the current situation of sanitation and wastewater management in the Asia-Pacific region and highlight the problems faced in both urban and rural contexts through the introduction of concrete examples on how administrations, utilities and operators, civil society organizations are responding to the challenges in the following areas:

1. Overviews of wastewater management in the Asia-Pacific and its related problems
2. Off-site sanitation
3. On-site sanitation and septage management
4. Securing human resources for sanitation and wastewater management
5. Institutional and regulatory frameworks
6. Sanitation issues in rural areas
7. Circular economy (wastewater reuse and sludge recycling)



PROGRAM

Session Chair: Mr. Ravi Narayanan - Chair of the Asia-Pacific Water Forum Governing Council

- 1. 16:30-16:36 (6 minutes) – Opening Remarks**
 - ▶ Mr. Takehiko Kawai – Director; Japan Sanitation Consortium
 - 2. 16:36-16:44 (8 minutes) – Overview of Wastewater Management in the Asia-Pacific and its Related Problems**
 - ▶ Mr. Tetsuo Kuyama (WEPA Secretariat) – Manager (Water Resource Management), Institute for Global Environmental Strategies (IGES)
 - 3. 16:44-16:52 (8 minutes) – Institutional and Regulatory Framework for Sanitation and Wastewater Management in Malaysia**
 - ▶ Mrs. Recca Tharmarajah – Deputy Director; Sewerage Regulatory Department; National Water Services Commission (SPAN); Malaysia
 - 4. 16:52-17:00 (8 minutes *unable to attend*) – Implementation of the Water Environment Improvement Project, Tau Hu – Ben Nghe – Doi – Te Canal**
 - ▶ Dr. Nguyen Ngoc Duong – Deputy Director; Drainage, Sewerage & Wastewater Management Division; Administration of Technical Infrastructure; Ministry of Construction; Vietnam
 - 5. 17:00-17:08 (8 minutes) – Development and Diffusion of Enhanced Communal Wastewater Treatment System with Innovative Appropriate Technologies – Based on Practice in Indonesia**
 - ▶ Mr. Hermanto Sudjarwo – Technical Manager; PUSTEKLIM; Indonesia
 - 6. 17:08-17:16 (8 minutes) – Expansion of Used Water Services under a Public Private Partnership (PPP) Agreement in Metro Manila**
 - ▶ Mr. Mark Mulingbayan – Head of Sustainability; Corporate Operations Group; Manila Water Company, Inc.; Philippines
 - 7. 17:16-17:24 (8 minutes) – Human Resource Development for Improving Sanitation and Wastewater Management**
 - ▶ Mr. Kazushi Hashimoto – Advisor; Japan Sanitation Consortium (JSC)
 - 8. 17:24-17:32 (8 minutes) – Complexities in Scaling Up Sanitation**
 - ▶ Mr. Ravi Narayanan – Chair; Asia-Pacific Water Forum (APWF) Governing Council
 - 9. 17:32-17:55 (approx. 20 minutes) – Panel Discussion chaired by Mr. Ravi Narayanan**
 - ▶ Panelists: all speakers of the session
- 17:55-18:00 (5 minutes) – Chairs' Summary**