

6th International Workshop on Decentralized Domestic Wastewater Treatment in Asia

Workshop Summary

- The technical term "decentralized domestic wastewater treatment system" is used to show various situations that vary by country and by person. In order to share its understanding, participating countries should have a common definition.
- Sludge management is essential for the proper operation and management of decentralized domestic wastewater treatment plants, and it is necessary to consider about the establishment of regular desludging system including the collection & transportation system, the development of sludge treatment facilities and the establishment of appropriate financing system for sludge management.
- Operation & Maintenance is indispensable for the stable operation of decentralized domestic wastewater treatment facilities, and it is necessary to establish the institutions to train technicians who have expertise in Operation & Maintenance in order to develop the Operation & Maintenance system.
- Regarding the dissemination of decentralized domestic wastewater treatment facilities, it is necessary to prepare the regulations to properly evaluate the treatment performance of the facilities and to install only those that meet certain performance criteria. For that purpose, the structure of evaluation agencies and test agencies, the evaluation system, the standardization of the minimum requirements for devices (for example, diameter of manhole, size of cleaning hole, diameters of inflow/outflow pipe), the standardization of construction work, etc. should be further examined.
- We hope that the information and networking in this workshop will promote the introduction of decentralized domestic wastewater treatment and contribute to the achievement of SDGs in Asia.