

**JSC**  
Japan Sanitation Consortium

**JSC Sanitation KnowledgeHub, Japan**  
Regional Water Knowledge Hub for Sanitation

## JSC Sanitation KnowledgeHub's Expertise

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The Japan Sanitation Consortium (JSC) was established in 2009 to become the KnowledgeHub for sanitation in the Asia-Pacific region. JSC promotes the development of sanitation systems ranging from basic sanitation (toilets), on-site sanitation (including johkasou and night soil/sludge collection and treatment systems), and off-site sanitation (various scales and levels of treatment for sewerage systems, and sludge recycling and wastewater reuse).

JSC is a unique organization that brings together Japan's know-how and years of accumulated experiences in wastewater, sludge and night soil management. JSC gathers, through its four member organizations – the agencies in charge of wastewater, sludge and night soil management in Japan – a comprehensive knowledge and expertise in areas such as institutional organization, policy making, system management, operation and maintenance, and training program for sanitation engineers and experts.

## JSC Sanitation KnowledgeHub's Services

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The purpose of JSC activities is to support the countries of the Asia-Pacific region with low access to sanitation and sanitation issues. JSC wishes to enable these countries to acquire the appropriate level of knowledge and capacity to develop, diffuse and properly manage sanitation facilities, for the improvement of public health and the reduction of water pollution. JSC aims to offer each country specific solutions, sustainable management strategies and plans to effectively tackle its sanitation challenges. This includes the provision of a technology selection matrix for the implementation of systems that will best answer needs and suit local conditions.

In addition, to promote the development of adequate policies, capacity and investment in sanitation, JSC aspires to consolidate, disseminate and share knowledge as well as information through active collaboration with the Japanese government, international donor organizations and the countries of the Asia-Pacific region.

As the operating body of the APWF's KnowledgeHub for sanitation, JSC provides the following services:

- Networking: establishing and operating an information network on sanitation with the related organizations in each country of the Asia-Pacific region, in collaboration with international donor organizations;
- Information gathering: creating a sanitation database for the Asia-Pacific region, and conducting research for sanitation improvement with team members from government, industry and academia;
- Knowledge dissemination and information sharing: organizing international seminars and conferences to share knowledge, information and experiences in the sanitation field;
- Support to international donor organizations (ADB, JICA, UNICEF, WORLD BANK, UN-HABITAT, etc.): conducting sanitation related training courses, field investigations; providing expert advice for the selection of appropriate technologies, and assistance to projects and operations developed by international donor organizations;
- Coordinating actions with UNICEF and WTO (World Toilet Organization).

## JSC Sanitation KnowledgeHub's Partners

JSC consists of the following on-site and off-site wastewater management professional organizations in Japan:

### On-site sanitation:

- Japan Environmental Sanitation Center (JESC): night soil collection and treatment management
- Japan Education Center of Environmental Sanitation (JECES): Johkasou system management

### Off-site sanitation:

- Sewerage Business Management Centre (SBMC): sewage works engineering training
- Japan Sewage Works Association (JSWA): sewage works research and collaboration among local governments

JSC also closely collaborates with various national and international organizations to share information, knowledge, expertise, and promote investment for sanitation, capacity building and technology development. The initial partner organizations of JSC Sanitation KnowledgeHub include:

- Asian Development Bank (ADB)
- Japan International Cooperation Agency (JICA)
- Japan Institute of Wastewater Technology (JIWET)
- United Nations Children's Fund (UNICEF) Tokyo Office
- Japan Toilet Labo
- Japan Water Forum

JSC is now seeking for other partners and welcomes private/public organizations, government agencies, non-governmental organizations, academic institutions, and other interested parties in the Asia-Pacific region to join the Sanitation KnowledgeHub's network.

## Contact Information

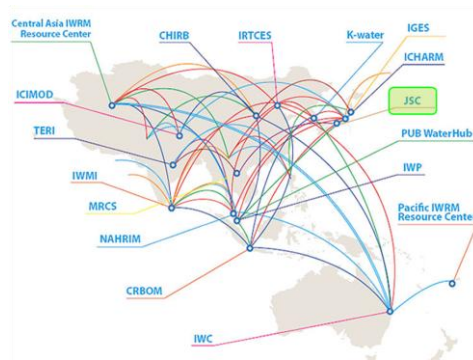
### Main Office:

Intelligent Bldg., Yushima Iyasaka 5F  
Yushima 3-26-9, Bunkyo-ku  
Tokyo 113-0034  
Japan

Tel: +81-(0)3-6803-2671  
Fax: +81-(0)3-6803-2535  
info@jsanic.org  
[www.jsanic.org](http://www.jsanic.org)

### Sub-office:

Yotsuyakami-cho 10-6  
Kawasaki-ku  
Kawasaki-city 210-0828  
Japan



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## About KnowledgeHubs

KnowledgeHubs, the Asia-Pacific Water Forum's network of regional water knowledge hubs, is a family of internationally recognized institutions committed to generating and sharing water knowledge and building capacity in the Asia-Pacific region. Each hub takes the lead in networking with clients and partners on a priority water topic such as urban water management, water quality in river basins, flood management, river basin organizations and management, water and climate change adaptation, hydroinformatics, irrigation service reform, water

governance, and more. For more information, visit [www.apwf-knowledgehubs.net](http://www.apwf-knowledgehubs.net).

## About the Asia-Pacific Water Forum

The Asia-Pacific Water Forum is an independent, not-for-profit, nonpartisan, and nonpolitical network dedicated to improving sustainable water management by championing best practices, boosting investments, building capacity, and enhancing cooperation in the water sector. For more information, visit [www.apwf.org](http://www.apwf.org).