



Side Event at the 7th World Water Forum
**Solution for water challenges of non-urban area
with simple and low-cost technologies
(SE0089)**



Time, Date and Venue

11:20 - 13:20, 15 April 2015, Teague

DFC_101 (KOREA - Fashion Center / 1F Meeting Room).

Daegu EXCO and Korea Fashion Center



1. Abstract






According to United Nations, gaps on safe drinking-water supply between urban and rural is significant and 743million rural population (84% of 1 billion unserved) does not have access to safe drinking water. This fact has been recognized as one of the major issues in the water and sanitation problem in the world. Such gaps between urban and rural (non-urban) has been expanding under the condition that rural (non-urban) tends to be left behind from the development with large-scale investments and sophisticated technologies.

Under such conditions, simple and low-cost technologies, which are easy on operation and maintenance, are required. This side event will organize a symposium focusing on simple and low-cost technologies, whose application is desirable for the development in non-urban area, showing promising examples on drinking-water, waste water treatment and human waste disposal. While verifying the effects to the solution for non-urban area in particular, the future direction and promotion policy will be discussed and identified.

2. Organizer

- Jointly organized by Japan Water Forum and the adhoc committee on Simple and low-cost water technology,
- In collaboration with ADB, JICA, JETRO and UNDP.
- Sponsored by private sector

3. Detail program, (altogether 120 minutes):

Opening remark,	Prof. Masao Yamada	Representative of the adhoc committee on Simple and low-cost water technology	
Key note speech on water-related challenges of non-urban area and possible solution with simple and low cost technologies	TBI	Japan Water Forum	
Case study 1: Biosand filter for household drinking water treatment	Dr. T.K.K. Ngai	CAWST – Centre for Affordable Water and Sanitation Technology, Canada	
Case study 2 : Upward Biological Contact Filtration for Advanced Water Treatment System	Dr.Kimiko Haraguchi	Kitakyushu Water and Sewer Association	
Case study 3: Solution for waste-water treatment with Bio Mesh	Katsumi Iida	Kassui Plant Co.Ltd.Japan	
Case study 4: Excrement Disposal by Eco-sanitation	Dr. Kunio Takahashi	Japan Association of Drainage and Environment (JADE)	
Case study 5: Improving Sustainable Water and Sanitation Systems in Sahel Region in Africa: case of Burkina Faso	Prof. Naoyuki Funamizu	Hokkaido University	
break			
Panel discussion	Speakers/ experts, coordinated by Prof. Victor Muhandiki	Nagoya University	
Summary			
Closing remark (2 minutes)	Dr.Kotaro Takemura	Secretary General, Japan Water Forum	

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