



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



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

DFC\_101 (KOREA - Fashion Center / 1F Meeting Room).

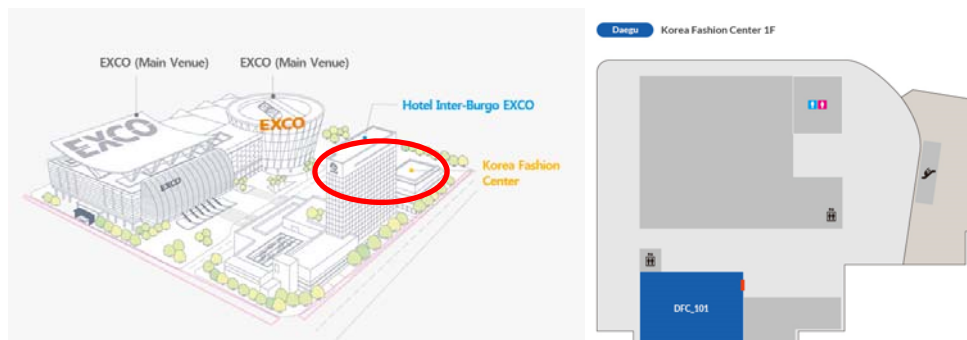
Jointly organized by **Japan Water Forum** and the  
adhoc committee on **Simple and Low-cost Water  
Technology**,

In collaboration with **ADB, JICA, JETRO** and **UNDP**.

Sponsored by private sector



Daegu EXCO and Korea Fashion Center











## 1. Abstract

JMP report 2014 estimated that 673 million in rural areas (over 90% of 748 million in the world) still lack access to an improved drinking water source, although the decrease in urban–rural disparity gap in access has been reported since 1990 in 87 of the 116 countries included in the analysis. Rural (non-urban) has often been 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. 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	Dr. Sombo Yamamura	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			
			
** Dr.Akira-Sakai, JADE			
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Summary	Prof. Victor Muhandiki	Nagoya University	
Closing remark	Dr. Kotaro Takemura	Secretary General, Japan Water Forum	