



Official Session

## Northern Water Network (NoWNET)

# REGISTER & JOIN US! CO-BENEFITS OF IMPLEMENTING NBS FOR WATER RESOURCES AND FLOOD RISK MANAGEMENT

**27<sup>th</sup> August 2020, 10:00 – 10:45 am CET**

This session will share practices and lessons learned from Denmark, The Netherlands, Sweden, and Japan from the NoWNET members' countries regarding Nature-based Solution (NBS) to address water management, flood risk management, and nature conservation in the context of climate change. It includes ways to:

- ✚ integrate green infrastructure aspects into existing water and river basin management,
- ✚ identify and manage interactions between water, energy, land use, and ecosystem,
- ✚ ensure multi-stakeholders' approaches and their support
- ✚ evaluate co-benefits and trade-off methods to assist decision-making, and
- ✚ overcome barriers related to the institutional frameworks.

For more detail: <https://www.worldwaterweek.org/event/9170-co-benefits-of-implementing-nbs-for-climate-related-water-and-flood-management>

### Program

10:00 - 10:02	<b>Introduction of the NoWNET and this session</b> Yumiko Asayama, Secretariat of NoWNET c/o Manager, JWF
10:02 - 10:27	<b>Cases from NoWNET member countries</b> <ul style="list-style-type: none"> <li>✦ <b>Denmark</b> <b>Mr. Jesper Goodley Dannisøe</b>, Director, Danish Water Forum</li> <li>✦ <b>Netherlands</b> <b>Dr. Elisabeth Ruijgrok</b>, Public Goods Economist, Witteveen+Bos</li> <li>✦ <b>Sweden</b> <b>Dr. Anna Tengberg</b>, Programme Manager, Swedish Water House, adjunct professor at Lund University Centre for Sustainability Studies</li> <li>✦ <b>Japan</b> <b>Prof. Takashi Asaeda</b>, Professor Emeritus, Saitama University</li> <li>✦ <b>Republic of Korea</b> <b>Prof. Lee-Hyung Kim</b>, Civil and Environment Engineering Dept. Kongju National University</li> </ul>
10:27 - 10:42	<b>Panel Discussion &amp; Interaction with the audience</b> Moderator: Mr. Ravi Narayanan Councilor, Japan Water Forum Panelist: Above Presenters
10:42 - 10:45	<b>Summary and Wrap up</b>

NoWNET is a network of country level water partnerships in Europe, Japan and the Republic of Korea for exchanging experiences and good practices to address water challenges, interacting with multi-stakeholders.

It was initiated by the World Water Council (WWC), Global Water Partnership (WWP), and the Steering Committee of the 3<sup>rd</sup> World Water Forum held in Japan in 2003.

Japan Water Forum has maintained a role as the secretariat ever since its launch.

#### Members:

Global Water Partnership  
 World Water Council  
 Danish Water Forum  
 French Water Partnership  
 Finnish Water Forum  
 Japan Water Forum  
 Korea Water Forum  
 Netherlands Water Partnership  
 Portuguese Water Partnership  
 Swedish Water House  
 Swiss Water Partnership

#### Webinar Registration

<https://us02web.zoom.us/j/9170-co-benefits-of-implementing-nbs-for-climate-related-water-and-flood-management>



## Introduction of the Speakers

<p><b>Mr. Jesper Goodley Dannisøe</b></p> 	<p><b>Mr. Jesper Goodley Dannisøe</b> is Senior ecologist and Director of Danish Water Forum. He has been working with a wide range of water-related issues over the last 35 years, ranging from marine surveys, freshwater studies and climate change projects and he has been working in 40+ countries. Since 2005 he has been engaged with Danish Water Forum, where he for the last 7 years has been the director. Recently he worked with nature-based green interventions in Laos for combatting flooding, mainly caused by changes in the Mekong River. In Denmark he has been part of the “Water in Cities”-initiative, working with local solutions to handle surface water locally. He will provide an overview of Danish approaches to climate change.</p>
<p><b>Dr. Elisabeth Ruijgrok</b></p> 	<p><b>Dr. Elisabeth Ruijgrok</b> is a public goods economist with a PhD in ecosystem valuation. Her angle is to derive experience numbers that can be used to quantify the goods and services supplied by natural, social and cultural capital and to express those in monetary terms. To enhance nature, social and cultural capital inclusive cost benefit analyses, she wrote guidelines and a national reference book with experience numbers for calculating impacts of economic activities on nature, water, soil, air quality, noise, vibration, cultural heritage, social cohesion and other living qualities. Elisabeth has calculated the cost and benefits of many Building with Nature solutions, such as reduced tidal area’s in the Belgian Scheldt estuary, the construction of nature friendly river banks and ecological roadsides to enhance biodiversity, stimulating seagrass beds to stop beach erosion in Jamaica, lake restoration by installing of flexible water levels in Zeeland and stopping land subsidence by introducing higher groundwater levels in peat areas.</p>
<p><b>Dr. Anna Tengberg</b></p> 	<p><b>Dr. Anna Tengberg</b> is Programme Manager at Stockholm International Water Institute (SIWI), Swedish Water House (SWH) and adjunct professor at Lund University Centre for Sustainability Studies (LUCSUS). She holds a PhD in Physical Geography from Gothenburg University. She has lived and conducted fieldwork and research in many different parts of the world and published papers on various aspects of natural resources management and assessment. She was a UN employee for more than a decade between 1999-2010, first with UNEP Headquarters in Nairobi and later with the UNDP Regional Centre for Asia-Pacific where she was responsible for the sustainable land management and integrated ecosystem management portfolios at global level. Anna currently works with the thematic area Water for Resilient Landscapes at SIWI and she is also involved in SIWI’s ongoing programme in Ethiopia on Strengthening Water and Landscape Governance.</p>
<p><b>Prof. Takashi Asaeda</b></p> 	<p><b>Prof. Takashi Asaeda</b> hold a PhD in Civil Engineering of University of Tokyo. He worked as an associate professor of the University of Tokyo, professor of Saitama University, and retired the position in 2019. He has received numerous awards, several times of Dam Engineering Society Prize, Japan Society of Civil Engineers Prize (JSCE), Karl Emil Hydraulic Prize (ASCE), etc. He also serves as numerous critical service positions, including chairperson of committees of Japanese Ministry of Land, Infrastructure, Transport and Tourism, Counselor of International Association for Hydro-Environment Engineering and Research, Supervisor of SATREPS projects of Japan Science and Technology Agency, Leader of nature restoration projects, etc. His interests have broadly covered ecology, hydrology, and fluid mechanics in the environment. He published more than 200 journal papers.</p>
<p><b>Prof. Lee-Hyung Kim</b></p> 	<p><b>Prof. Lee-Hyung Kim</b> received BS and MS from Korea University and doctoral degree from University of California, Los Angeles (UCLA), USA. His primary research topics are environmental and water resources, with emphases on water quality, decentralized stormwater management, sediment control, ecological engineering, low impact development (LID), Nature-based Solutions, etc. Since 2009, he is a board member of ‘IWA diffuse pollution specialist group’ and organized the 19<sup>th</sup> International Conference on Diffuse Pollution &amp; Eutrophication on 2019 in Korea. He is performing many government research projects and international joint research projects with Hongkong, France, UK, and others. He published about 120 research papers on international journals and 110 papers on Korean journals.</p>