



# Integration Session 2 Governance

4th Asia Pacific Water Summit 2022 – Kumamoto, Japan

**“Advancing water governance for optimal stakeholder collaborations across sectors and generations to achieving the water secure Asia-Pacific region by 2030”**

## Session Overview

Water management including water-related disaster risk management and governance of water services is a challenge that requires the involvement of various stakeholders at multiple levels, from public, private and NGO sectors at all stages of decision-making, policy-planning, and collective action. Water-related policies are complex, as they are strongly associated with vital spheres such as health, environment, agriculture, energy, planning, regional development, and poverty eradication.

Water governance is the range of political, social, economic and administrative systems in place to develop and manage water resources, and delivery of water services, at different levels. It emphasizes the need for cross-sectoral and multi-level coordination and for a holistic framework to ensure that water is managed holistically. Integrated Water Resources Management (IWRM), enshrined in the SDGs, is not only a means to monitor water governance at global, regional, country, and river basin scales but also a process which can provide the framework to advance water security.

This session will: refer to key water governance processes including Asian Water Development Outlook 2020 and SDGs; integrate perspectives from nine parallel thematic sessions; and deepen discussions for improving water governance in accordance with the four IWRM dimensions, leading to the formulation of recommendations for the Summit.

## TIME AND LOCATION



24 April 2022



14:00-15:30 Japan Time  
(UTC 5:00-6:30)



Conference room A2  
Kumamoto Jo hall 3F

Registration link to  
participate online:

[https://enq.itmedia.co.jp/on24u/form/en/4apws-kumamoto2022\\_en/](https://enq.itmedia.co.jp/on24u/form/en/4apws-kumamoto2022_en/)



Opening Remark by Mr. Norihiro Nakayama,  
State Minister of Land Infrastructure, Transport and Tourism, Japan

**“Efforts in Japan for strengthening of water governance”**



Keynote Speech by Mr. Howard Bamsey,  
Chairman of Global Water Partnership

**“Advancing water governance through IWRM  
as a cornerstone to achieving the water-related SDGs by 2030”**



# Session Structure & Biography

## Integration Session 2 Governance – 4<sup>th</sup> APWS

time	Activity
10 min	Opening Remark : <b>Efforts in Japan for strengthening of water governance</b> Speaker: Mr. Norihiro Nakayama, State Minister of Land Infrastructure, Transport and Tourism, Japan
20 min	Keynote speech and setting the scene: <b>Advancing water governance through Integrated Water Resources Management as a cornerstone to achieving the water-related SDGs by 2030.</b> Speaker: Mr. Howard Bamsey, Chairman of Global Water Partnership
45 min	Panel discussion: <b>Call-for-actions to accelerate the achievement of water governance across all sectors in reaching water secure Asia-Pacific region and sustainable development goals.</b> Moderator: Dr. Yumiko Yasuda, Senior Network and Transboundary Water Cooperation Specialist at Global Water Partnership Panelist: <ul style="list-style-type: none"> <li>• Dr. Dinara Ziganshina, Acting Director of Scientific-Information Center of the Interstate Commission for Water Coordination of Central Asia (SIC ICWC)</li> <li>• Ms. Bibi Zarina Che Omar. Deputy Director General, Department of Irrigation and Drainage (DID) Malaysia.</li> <li>• Dr. Amgad Elmahdi, Water Resources Management Senior Specialist- Green Climate Fund (GCF)</li> <li>• Mr. Fany Wedahuditama, Regional Coordinator, Global Water Partnership Southeast Asia</li> <li>• Dr. Shinjiro Kanae, Professor of Tokyo Institute of Technology</li> <li>• Prof. Santosh Kumar, Honorary Member, IWP and Head of G&amp;IDRR Division, National Institute of Disaster Management, Ministry of Home Affairs, Government of India</li> </ul>
10 min	Summary and Recommendations: <b>High level and concrete actions for advancing Water Governance in Asia-Pacific.</b> Presenter: Mr. Mark Pascoe, Chair of the Governing Council of Asia Pacific Water Forum
5 min	<b>Closing Remark:</b> Mr. Seiichi Onodera, Senior Vice President, Japan International Cooperation Agency (JICA)



### Master of Ceremonies (MC)

Ms. Sayuri Mitsuhashi, Director-General, Water Resources Department, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan. She has mainly been in charge of river management for 30 years in MLIT. She is well-known for devising the “Dam Card” and planning infrastructure tourism as part of the public relations and raising awareness about the water-related infrastructures in Japan. She has a master’s degree in Civil Engineering from Tokyo Institute of Technology, Japan.



### Opening Remark

Mr. Norihiro Nakayama is State Minister of Land, Infrastructure, Transport and Tourism, Japan and he has been a member of the House of Representatives, Japan since 2012. He was previously Parliamentary Vice-Minister of Foreign Affairs, Japan.



### Keynote Speaker

Mr. Howard Bamsey is Chair of the Global Water Partnership and Honorary Professor in the School of Regulation and Global Governance at the Australian National University. He is member of the Board of the Climate Policy Initiative and Climate Works Australia. He was previously Executive Director at the Green Climate Fund and Director General of the Global Green Growth Institute. Earlier he was Australia’s Special Envoy on Climate Change and a senior Australian public servant. He held several appointments at ambassadorial level in the Australian.





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### Moderator

Dr. Yumiko Yasuda is the Senior Network and Transboundary Water Cooperation Specialist at GWP. She is presently the Network Specialist for both GWP-C and GWP Southeast Asia. She currently leads GWP's thematic work on transboundary water, and is the lead faculty of the Massive Open Online Course (MOOC) on Transboundary Freshwater Security, where she designed and directed the production of the course.

Her areas of expertise lie in the analysis of water and environmental governance, water diplomacy, political economy analysis surrounding natural resources management, with a focus on transboundary rivers and non-state actors' engagements in natural resources management



### Panelist

Dr. Dinara Ziganshina is Acting director at the Scientific Information Centre of Interstate Commission for Water Coordination (SIC ICWC) in Central Asia, a regional organisation that contributes to fostering transboundary water cooperation in the region through data, information and knowledge development and dissemination.

In addition to her position at SIC ICWC, she also an Associate Professor at the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers and a vice chair of the Implementation Committee under the UNECE Convention on the Protection and Use of Transboundary Watercourses and International Lakes. Dr. Ziganshina has about 20 years' experience working as a legal and policy expert in water resources management at national and transboundary levels and managing and coordinating regional projects in multi-stakeholder environments.



### Panelist

Ir. Bibi Zarina binti Che Omar is a professional engineer with over 30 years of working experience in the Department of Irrigation and Drainage at District, State and Federal levels of Malaysia. Throughout her service she has served in Hydrology, Urban Drainage, Corporate, River, Coastal and Flood Divisions before now holding as Deputy Director General (Specialist Sector), Department of Irrigation and Drainage Malaysia. She acts as the National Focal Point of Malaysia for SDG 6.5.1 Integrated Water Resources Management and 6.5.2 on Transboundary. She was in charge of two important management instruments or tools related to water resources and flood forecasting and warning i.e. National Water Balance Management System (NAWABS) and National Flood Forecasting and Warning System (NaFFWS). During her tenure as the Director of Mitigation in National Disaster Management Agency (NADMA) Malaysia in 2016, she has collaborated with many scientists from various local universities (UKM, UTM, UTHM) and abroad particularly in UK, Japan and ASEAN to explore researches and applications of sciences in disaster risk reduction.



### Panelist

Dr. Amgad Elmahdi is the Water Sector Lead at the Green Climate Fund-GCF with over 25 years of experience and expertise in Hydrology, in operational, research, and academic settings. Before joining GCF, Dr Elmahdi served as the Director of the MENA Region with the International Water Management Institute-IWMI, where he developed the business portfolio for R4D in the MENA Region. Prior to IWMI, He was the Head of the Water Resources Section and Chief Supervising Hydrologist at the Bureau of Meteorology-Australia, where he established the water Assessment and accounting information program. He is also a recognized as International Water and Natural Resources Management Expert and serves as the Chair of Water Security Bureau-IWRA (international water resources association).



### Panelist

Mr. Fany Wedahuditama currently assuming the position of Regional Coordinator of Global Water Partnership Southeast Asia (GWP SEA) and the Chairman/Executive Director of Alliance Water Stewardship Indonesia. 20 years' experience in planning and implementing development projects related to: Sustainable Development Goals (SDGs) with specific focus on Integrated Water Resources Management (IWRM); Resilience and disaster risk management with a focus on Integrated Drought and Flood Management; Strong experience working with the Indonesian Government system at both National level (BAPPENAS) and Municipal level (BAPPEDA), and in facilitating processes of strategy and planning development.





# Session Structure & Biography

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### Panelist

Dr. Shinjiro Kanae is a professor in School of Environment and Society, Tokyo Institute of Technology. He was a Task-Force member of the UNESCO's IHP-IX Strategic Plan which will begin this year. He was a lead author of a special report on extremes and adaptation (SREX) of IPCC, 2012. He was also a contributing author (Chapter 3 "Freshwater") to the IPCC AR5, 2014. He is a two-time recipient of the International Association of Hydrological Sciences' Tison Award in 2003 and 2009. He is/was in the editorial board of Environmental Research Letters, Hydrological Sciences Journal of IAHS, and a few more domestic journals. His research interests include terrestrial hydrology including global flood simulation, global water resources assessment, and climate change impact and adaptation research.



### Panelist

Prof. Santosh Kumar is the Head of G&IDRR Division, National Institute for Disaster Management, Ministry of Home Affairs, Government of India. He is a Ph.D. in Economics and has studied Gender & Development in IDS, Sussex, UK and received professional training in Disaster Risk Management from Israel backed with exposure at the World Bank and SAARC. He has earlier worked with the federal and various State governments in different positions. He has also worked with the World Bank, Bilateral and UN agencies on capacity development, disaster management, sustainable recovery, and reconstruction and mitigation projects.



### Summary and Recommendation

Mr. Mark Pascoe has worked for his more than 40-year career in the water industry, predominantly in Brisbane, Australia. He spent many years with Brisbane City Council, where his most recent position was as the Manager, Water and Sewerage. Other roles included the Manager, Water Treatment and Manager, Wastewater Treatment.

In the mid-1990s, Mark held the position of Queensland Operations Manager of Woodward-Clyde Pty Ltd, an environmental engineering consultancy firm. Mark left the Brisbane City Council role to take up the position of Deputy Director at the International Water Association in London, which he held for three years before returning to Brisbane in early 2005 to begin his role as Chief Executive Officer at the International Water Centre. He has currently selected as the new chair of Governing Council of Asia Pacific Water Forum.



### Closing Remark

Mr. Seiichi Onodera is Senior Vice President of Japan International Cooperation Agency (JICA) and in charge of Global Environment Department, Infrastructure Management Department and Infrastructure Engineering Department. He is also in charge of establishing, revising and operating regulations related to technical aspect and compliance of Japanese ODA Loan projects. Before his current position, he has mainly been in charge of road management in MLIT, Japan for 30 years.