

# KGID 2025

## Green Growth: The Path to Sustainable Jobs

Korea Green Innovation Days  
October 20–22, 2025  
Washington, D.C., USA

### Day 2. Breakout Session

#### Session 2-2 Green Growth Path to Scale and Impact – Advancing Digitalization in Water Utilities

#### Speaker Bios



##### **(Mr.) Saroj Jha, Global Director, Water GP, World Bank Group**

Saroj Kumar Jha is the Global Director of the World Bank Group's Water Global Practice, leading its senior management team and overseeing a \$27 billion portfolio of investments, analytics, and global partnerships. He champions water security as a central pillar of climate and development agendas and promotes collective global action for a livable planet. An Indian national, Mr. Jha previously served as Regional Director for the Middle East and Central Asia and founded the Global Facility for Disaster Reduction and Recovery (GFDRR) in 2006.



##### **(Dr.) Yeong Kong Ko, Vice President and Chief Learning Officer, K-water**

Yeong Kong Ko currently serves as Vice President and Chief Learning Officer (CLO) of K-water. In this capacity, he oversees the Human Resources Development Institute, widely known as the K-water Academy, a role he assumed in December 2024.

He began his career at K-water in 1996. He has held key leadership positions that have advanced K-water's mission in sustainable water resources management and human resource development. He earned a Ph.D. in Global Management, an M.A. in Public Administration



##### **(Ms.) Christine Zhenwei Qiang, Global Director, DT GP, World Bank Group**

Christine Zhenwei Qiang is the Global Director of Digital Foundations at the World Bank, leading efforts to expand broadband, enhance digital safeguards, and harness AI for development. Since joining in 1998, she's held key leadership roles and authored influential reports on ICT, investment, and competitiveness. She holds a Ph.D. in Economics from Johns Hopkins.



##### **(Ms.) Pyeol Nim Park, Sr. Manager of New Growth Strategy Unit, K-water**

Pyeol Nim Park serves as a senior Manager at K-water, the national water management public corporation of Korea. She is responsible for developing K-water's environmental strategies and policies. and as part of the "K-water AI First Strategy Task Force," she is also establishing a comprehensive strategy and implementation roadmap for the organization's enterprise-wide AI adoption.



##### **(Dr.) Donggi Shin, Head of Water Supply System O&M Team, K-water**

Donggi Shin is a General Manager at K-water, with 23 years of experience in the water sector. He holds a Ph.D from Chungbuk National Univ. and leads the development of AI-based smart water treatment plants, focusing on AI autonomous operation, predictive maintenance, and energy optimization technologies. Under his leadership, K-water's AI Water Treatment initiative received the WEF Global Lighthouse Award and contributed to ISO standardization for AI-driven water management systems.

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### **(Mr.) Changhun Boo, Sr. Manager of AI Transformation Unit, K-water**

Boo Chang-hun, Senior Manager, leads K-water's Data Science Team in the AI Transformation Unit, driving data-driven water management innovations. Joining K-water in 2009, he managed facilities at Andong and Imha Dams, conducted flow meter research, and led standard data model and integrated system development from 2016 to 2020. Since 2020, he has overseen aged water supply upgrades and block system design and surveys, enhancing water efficiency and sustainability.



### **(Mr.) Jean-Martin Brault, Sr. Water and Sanitation Specialist, World Bank Group**

Jean-Martin Brault is a Senior Water and Sanitation Specialist in the Latin America and Caribbean (LAC) Region of the World Bank's Water Global Practice, with more than 15 years of experience supporting and leading lending operations, analytical and advisory services and engineering consultancies in LAC (Uruguay, Argentina, Chile, Haiti, Dominican Republic, Ecuador and Brazil), in West Africa (Benin) and in the Middle East and North Africa (Morocco, Tunisia and Palestine). Jean-Martin holds a PhD in wastewater engineering from Ecole Polytechnique in Montreal, Canada, and is currently focusing on wastewater treatment and reuse, fecal sludge management and Citywide Inclusive Sanitation, "smart" water management, as well as digitalization and innovation.



### **(Mr.) Min-Gyu Kim, Sr. Manager of International Training Team, K-water**

Min-Gyu Kim is a Senior Manager at K-water with 18 years of experience in environmental and water resources management. He holds an MSc degree from Seoul National University and is pursuing a Ph.D. in Civil Engineering at the University of Texas at Austin, expected in 2025. Currently, he works with the International Training Team at K-water's HRD Institute, engaging in capacity-building and knowledge exchange programs in collaboration with the World Bank and Asian Development Bank.



### **(Mr.) Jihoon Lee, Water Specialist, World Bank Group**

Jihoon Lee is a Water Specialist in the Global unit of the World Bank Water Global Practice, with over 10 years of experience supporting operations and advisory services for multilateral development banks, the United Nations, and a private engineering firm. He has worked primarily on water supply and sanitation, as well as water resources management, across South Asia, East Asia and the Pacific, Latin America, and West Africa. Jihoon holds a Bachelor's in Civil and Urban Engineering and a Master's in Urban Water Management. His current work focuses on desalination, digitalization of the water sector, and other innovative approaches to advancing global water security.