

15th Korea Green Innovation Days
May 6 – 8, 2026
Sejong, South Korea

Day 1. Breakout Session

Agriculture Session 1. Harnessing Digital Innovation for Smarter Agricultural Systems

Speakers Bios

(Moderator) Sergiy Zorya, Lead Agriculture Economist, World Bank Group



Sergiy Zorya is currently a Global Lead on repurposing of agricultural support in the Farming and Agribusiness Global Department of the World Bank Group. Sergiy joined the World Bank in 2005 as a Young Professional. Since then, he worked in Africa, East Asia and Pacific, and Europe and Central Asia regions, and the Agriculture and Rural Development anchor. During 2013-2024, Sergiy was in the field assignments in Thailand, Vietnam, Uzbekistan, and Austria. He holds the master's degree in Agricultural Economics from the Agricultural University of Zhytomyr, Ukraine, and Ph.D. in Agricultural Economics from Georg-August University of Göttingen, Germany.

Michael Okoti, Director of Donor Funds and Chief Research Scientist, Kenya Agricultural and Livestock Research Organization (KALRO)



Michael Okoti is a Director of Donor Funds and Chief Research Scientist at the Kenya Agricultural and Livestock Research Organization (KALRO), specializing in climate change adaptation, environmental sustainability, and natural resource management. He has served in various leadership capacities, including directing the Food Crops Research Center and National Soil Reference Laboratory at KALRO Kabete, and leading donor-funded initiatives.

Francisco Javier Bueso Ucles, Senior Agriculture Economist, World Bank Group



Francisco is an Agronomist and Food Technologist with over 20 years of experience in agribusiness and rural development. He is currently a Senior Agriculture Specialist at the World Bank, based in Honduras and also covering El Salvador and Guatemala. He manages a USD 85 million portfolio of rural agro-industrial competitiveness and food safety projects, including the construction of an Integrated Agrifood Information System (SISAGRO) and the implementation of a Crop Monitoring and Yield Prediction Pilot funded by KGGTF, WBG lending and MDB partners for the Ministry of Agriculture and Livestock of Honduras (SAG). He also currently leads the World Bank Group Agriconnect initiative dialog in Honduras

and Guatemala, a JSDF-funded project in El Salvador's La Libertad Department, promoting climate-resilient business opportunities and improved nutrition. Francisco co-managed the preparation of a Sustainable Family Agriculture Development project and a carbon emissions reduction initiative in agriculture, forestry, and land use in Colombia's Orinoquia region, funded by ISFL. Francisco holds a Ph.D. and MSc in Food Science and Technology from Texas A&M University and a BSc in Agronomy from Zamorano University.

 Photo

Jaehee Eom, Deputy Director, Ministry of Agriculture, Food and Rural Affairs (MAFRA)

Jaehee Eom is a Deputy Director in the Smart Agriculture Policy Division at the Ministry of Agriculture, Food and Rural Affairs. She contributes to the design and implementation of national smart agriculture strategies, including the advancement of data-driven farming, AI-based agricultural solutions, and the diffusion of K-Smart Farm models.



Doyun Kim, Global Project Manager, Shinhan A-tec Co.

Doyun Kim is a Global Project Manager at Shinhan A-tec. He leads international projects focused on developing eco-friendly smart farming systems, integrating advanced greenhouse technologies and sustainable agricultural solutions to improve productivity, efficiency, and environmental performance.



Suk-Young Hong, Director, National Institute of Agricultural Sciences, Rural Development Administration (RDA)

Suk Young Hong is a Director of National Agricultural Satellite Center, National Institute of Agricultural Sciences, Rural Development Administration (RDA). She has worked for RDA in South Korea leading remote sensing and soil information researches since 1995. She worked on remote sensing applications in agriculture and contributed to promoting satellite development projects in the agricultural sector in South Korea.

Kwang soo Kim, Director, National Center for Agrometeorology (NCAM), Seoul National University (SNU)



Dr. Kwang Soo Kim is a professor at Seoul National University and Director of the National Center for Agro-Meteorology (NCAM), Republic of Korea. His work focuses on agrometeorology, process-based crop modeling, remote sensing, artificial intelligence, and climate-resilient agricultural decision-support systems. He has led research and international collaboration projects on crop yield prediction, agricultural climate services, digital agriculture platforms, and smart farming technologies. Through NCAM, he has contributed to the development of operational agrometeorological information services and crop monitoring systems, supporting evidence-based agricultural policy and adaptation to climate variability and climate change.