



AAAE Symposium on "Climate Change and Asian Agriculture": Minute to Minute Program

Location: Room AMBER 4, BITECH, Bangkok, Thailand Date: May 22, 2026

9:00-9:20am	Coffee Break & Registration	
9:20-9:25am	Welcome Remarks	Dr. Lothar Hövelmann, DLG eV Director
9:25-9:30am	Welcome Remarks	Dr. Ramesh Kanwar, Distinguished Prof, Iowa State U. & Symposium Chair
9:30-9:35am	Welcome Remarks	Dares Kittiyopas, President, Thai Society of Agricultural Engineers
Session #1: Dr. Sangeeta Lenka, Principal Scientist, ICAR-IISS, Bhopal, India, Session Chair		
Time	Keynote Presenter	Title of Presentation
9:40am	Dr. T.R. Kesavan, Group President TAFE Ltd, India	Climate change and challenges for Asian Farm equipment Industries
10:00am	Dr. Jeet Chand, President NSAE, Kathmandu, Nepal	Climate Change Science & Key Concepts of Mgm, Adaptation & Mitigation: Focusing on Water & Agriculture Sector in Nepal
10:15pm	Prof (Dr.) Mukand Babel, Asian Institute of Technology (AIT), Thailand	Towards Climate-Resilient Agriculture in Asia: Adaptation Planning under Uncertain Future
10:30am	Dr. Joko Sujono, Professor, Univ. Gadjah Mada, Indonesia	Sustainable paddy rice cultivation: enhancing water productivity and reducing emissions with AWD irrigation
10:45am	Prof (Dr.) Abdul Rashid, Putra University, Malaysia	GeoAI Intelligence for Climate-Resilient Agriculture and Food-Water Security in Asia
11:00am	Prof (Dr.) Mehari Tekeste, ABE, Iowa State University, Ames, Iowa, USA	Mechanization challenges considering crop productivity and climate resilient soil conservation systems
11:15am	Prof (Dr.) Sakamon Devahastin, King Mongkut's Univ Tech. Thailand	Carbon-neutral meals: Another Step toward Sustainability
11:30am	Dr. Saroj Adhikari, Chaoyang University, Taichung, Taiwan	Safe water isn't safe: Lead and nickel contamination from point-of-use water dispensers and implications for water safety in Asia
11:45am	Dr. Sandhya Rijal, Chaoyang University of Technology, Taichung, Taiwan	Closing the Loop on Food Waste: Determining Optimal Recycling Boundaries for Sustainable Resource Security
12:00 -1:30pm	Lunch	
Session #2: Professor Dr. Abdul Rashid, Putra University, Malaysia, Session Chair		
1:30pm	Dr. T.B.S. Rajput, President, Soil Conservation Society of India	Innovations climate resilient agricultural water management through the Indian experience
1:45pm	Dr. Sangeeta Lenka, Senior Scientist, ICAR-IISS, Bhopal, India	Mitigating GHG Emissions from Asian Agricultural Production systems
2:00pm	Brijesh Yadav, IIT and NIH, Roorkee, India	Sustainable Groundwater Mgt. Strategies for Coastal and Terrestrial Agro-Ecosystems under Changing Climatic Conditions in Asia
2:15pm	Dr. Sangam Shrestha, Professor, AIT, Thailand.	Climate change and water-energy food nexus
2:30pm	Dr. Sushil Himanshu, Assoc. Professor, AIT, Bangkok, Thailand	Strengthening Climate Resilience in the Greater Mekong Subregion through a Digital Agro-Meteorological Forecast and Advisory System
2:45pm	Prof (Dr.) Ramesh Kanwar, Iowa State University, Ames, Iowa, USA	Water for Irrigation Challenges in Asian Agriculture and Using Agricultural Trade to Mitigate Impacts of Climate Change
3:00 -3:30pm	Coffee Break	
Session #3: Dr. Jeet Chand, President NSAE, Kathmandu, Nepal, Session Chair		
3:30pm	Anish Ghimire, Assistant Professor, AIT, Bangkok, Thailand	Exploring Sustainability Horizons: Life Cycle Assessment of Bamboo-Derived Biochar Production and Its Agricultural Application in Thailand".
3:45pm	Dr. Gurusamy Arumugam, Professor TNAU, Madurai, India	Aerobic rice; a climate resilient approach for sustaining rice production
4:00pm	Dr. Kumar Veluswamy, Ex professor & Head, TNAU, India	Reshaping Asian agriculture under climate change: An overview of climate-smart adaptation strategies
4:15pm	Dr. P. Raja, Adjunct Professor, Centurion University of Technology and Management, Paralakhemundi. Odisha & Former Principal Scientist, ICAR- IISWC, Research Centre, Koraput, Odisha, India	Mitigation of Carbon Footprints through improved Soil and Agricultural Management Practices in Southern India
4:30pm	Dr. P P Mahendran, Former Dean ACRI, Madurai, India	Soil organic carbon: A key to address the soil health and sustain food security under changing climate
4:45pm	Symposium closing	Indra Mani, AAAE President, Closing remarks and distribution of certificates to keynote presenters