



Thai Water Expo 2025

The Regional's Leading Exhibition and Conference on Water Resource and Wastewater Technology

Wednesday 2nd July – Friday 4th July 2025

7th Water Forum “Paving the Way to a Sustainable and Climate-Resilient Future Through Smart Water Solutions”

Thursday 3th July – Friday 4th July 2025

At Level 1, Conference Room MR110, Queen Sirikit National Convention Center (QSNCC)

Organised by:

CHULA ENGINEERING
Corrosion Inhibitor Innovation



Co-located with:



Thursday 3rd July 2025

Opening Ceremony 09.30-10.30 hrs.

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| 09.00-09.30 hrs. | Arrival of attendees |
| 09.30-09.35 hrs. | Welcoming Remark on Thai Water Expo 2025
Mr. Sanchai Noombunnam
Country General Manager of Informa Markets - Thailand |
| 09.35-09.50 hrs. | Welcoming Remark and Keynote Address on “ Green and Smart Innovations for Sustainable Water Management in a Changing Climate ”
Assoc. Prof. Witaya Wannasuphoprasit, Ph.D.
Dean of Faculty of Engineering, Chulalongkorn University, Thailand |
| 09.50-10.10 hrs. | Opening Remark and Keynote Address on “ Transforming water and environment management adapted for a climate - resilient future ”
Mr. Pavich Kesavawong, representative of
Permanent Secretary, Ministry of Natural Resources and Environment |

The Organiser reserves the right to amend the program without prior notice / Information as of 16th June 2025

ผู้จัดงานขอสงวนสิทธิ์ในการเปลี่ยนแปลงกำหนดการโดยไม่ต้องแจ้งให้ทราบล่วงหน้า/ ข้อมูล ณ วันที่ 16 มิถุนายน 2568

10.10-10.15 hrs. Official Opening Ceremony and Photo Caption

10.15-10.30 hrs. Presenting “Sustainability Excellence Awards” and Photo Caption

Executive Panel on Future-Proofing Water Management: Climate Resilience, Policy, and Smart Solutions

Session by: Faculty of Engineering, Chulalongkorn University, Thailand

Chairman: Prof. Dr. Chavalit Ratanatamskul, Faculty of Engineering, Chulalongkorn University, Thailand

10.40-10.55 hrs. Topic: **CCDR Recommendations and Future Water Management in Thailand and ASEAN**

Speaker: Mr. Sanjay Pahuja

Senior Water Sector Specialist

World Bank

10.55-11.10 hrs. Topic: **Sustainable and Climate-resilient Future Policy**

Speaker: Ms. Rabiab Poopha

Director of the Climate Change Adaptation Division

Department of Climate Change and Environment (DCCE)

11.10-11.25 hrs. Topic: **Green Water Infrastructure: Preparing Thailand & ASEAN for a Climate-Resilient Future**

Speaker: Mr. Stefan Rau (Online)

Principal Urban Development Specialist

Speaker: Mr. Anouj Mehta (Online)

Country Director, Thailand Resident Mission

Asian Development Bank

11.25-11.40 hrs. Topic: **Smart Water Governance for Industry : Balancing Demand and Supply in Climate Resilience**

Speaker: Mr. Kritpon Sudsawang

Head of Business Continuity Management

SCG Chemicals Public Company Limited

11.40-12.00 hrs. Discussion and Q&A

12.00 hrs. Lunch Break

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Session I: Unlocking Opportunities for Climate-Resilient Water Systems to Global Security

Session by: Thai Water Works Association (TWWA)

Moderator : Mr. Siripak Latthitham, Metropolitan Waterworks Authority (MWA)

: Mr. Thanawoot Pakdeeya, Provincial Waterworks Authority (PWA)

- 13.30–13.40 hrs. **Welcoming Remark**
Speaker : Mr. Chakapong Kamchan
Position : Chairman, Thai Water Works Association (TWWA) / Governor of PWA
- 13.40-14.10 hrs. Topic: **Water management under climate whiplash** (English session)
Speaker : Associate Professor Dr. Seree Supratid
Position : Director, Climate Change and Disaster Center
Company : Rangsit University and Executive Chairman, Futuretale Lab, MQDC
- 14.10-14.40 hrs. Topic: **Reducing NRW: A Key to Strengthening Global Water Resilience**
(English Session)
Speaker : Mr.Koichi Hasegawa
Position : Executive Director
Company : Yokohama Water Co., Ltd.(YWC)
- 14.40-15.10 hrs. Topic: **Building Stronger Water Systems for Climate Change** (English Session)
Speaker : Mr. Marcus Lim
Position : Council Member
Company : SINGAPORE WATER ASSOCIATION
- 15.10-15.55 hrs. Topic: **(Panel Discussion) Water Loss Reduction: Unlocking Opportunities for Smart and Sustainable Solutions** (English Session)
Moderator: **Mr. Thatsit Sakulpong**
Thai Water Works Association (TWWA)
Speaker : **Ms.Steffie Bes**
Project Coordinator Lao PDR, World Waternet
 Mr.Gem Tshering
Executive Engineer, Water and Sanitation Division, Department of Infrastructure Development Ministry of Infrastructure and Transport of Bhutan
 Mr. Krit Laohapiboolrattana
Division Director, Water Loss Technology Planning and Development Division, Water Loss Management Department. Metropolitan Waterworks Authority (MWA)
- 15.55-16.00 hrs. Wrap up & End of session

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Friday 4th July 2025

At Level 1, Conference Room MR110, Queen Sirikit National Convention Center
(QSNCC)

9.30 - 10.00 Welcome Attendees

Session II: Smart and resilient water management under impact of climate change

Session by: Thai Hydrologist Association (Thai Hydra)

Chairman: Assoc. Prof. Dr. Bancha Kwanyuen

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| 10.00-10.20 hrs. | Topic: Socio-Economic Resilience in a Changing Climate: The Role of Water
Speaker : Asst. Prof. Pongsak Suttinon, D.Eng
Position : Executive Committee Member of the Thai Hydrologists Association
Company : Department of Water Resources Engineering, Faculty of Engineering,
Chulalongkorn University, Thailand |
| 10.20-10.40 hrs. | Topic: Development of a framework for selecting optimal LID combinations using a surrogate rainfall-runoff model to mitigate urban flooding
Speaker : Mr. Inhwon Park
Position : Assistant Professor
Company : Department of Civil Engineering, Seoul National University of Science and Technology, Republic of Korea |
| 10.40-11.00 hrs. | Topic: RID Policy toward SMART Water Management, Water Security and Extreme Climate Change Adaptation: in Thailand
Speaker : Noppadon Kowsuvon, Ph.D.
Position : Senior Expert on Irrigation Engineering
Company : Royal Irrigation Department (RID) |
| 11.00-11.20 hrs. | Topic: Introduction of Study for Conversion of Pumped-Storage Hydroelectricity Dams for Climate Change Response and Sustainable Development in Korea
Speaker : Jong Seok Lee
Position : Chief Research Fellow
Company : Korean Agency for Infrastructure Technology Advancement (KAIA) |
| 11.20-11.40 hrs. | Topic: Advancing Climate-Resilient Water Management with Satellite Data, Machine Learning, and Hydrological Modeling, Case Study: Jakarta Flood
Speaker: Hadi Kardhana, S.T, M.T, Ph.D.
Position : Vice Dean for Resources
Company : Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung |
| 11.40-11.50 hrs. | Discussion and Q&A |

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11.50-12.00 hrs. Wrap up & End of session

12.00 hrs. Lunch Break

Session III: Revolutionizing Water Management: Innovating for a Sustainable Future

Session by: The Engineering Institute of Thailand Under His Majesty The King's Patronage (EIT)

Chairman: Assist. Prof. Pipat Pooripanyakun

13.30-14.10 hrs. Topic: **Smart AI for Water and Wastewater Management**

Speaker : Mr. Abdul Hadi Ali

Position : Hon. Secretary General

Company : Malaysia Water Association

14.10-14.50 hrs. Topic: **Electrodialysis for Wastewater Recycling and Reuse**

Speaker : Prof. Yang Zhang

Position : Professor

Company : Qingdao University of Science and Technology

14.50-15.30 hrs. Topic: **Carbon footprint in water and wastewater management**

Speaker : Mr. Chayawee Wangcharoenrung

Position : Senior Professional Environmental Academic - Community Wastewater
Section

Company : Pollution Control Department

15.30-16.00 hrs. Topic: **EBARA's Green Vision**

Speaker : Mr. Nobuyuki Miyatani

Position : Managing Director

Company : EBARA (THAILAND) LIMITED

16.00-16.30 hrs. Discussion and Q&A
