



## Thai Water Expo 2025

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

Wednesday 2<sup>nd</sup> July – Friday 4<sup>th</sup> July 2025

### *7<sup>th</sup> Water Forum “Paving the Way to a Sustainable and Climate-Resilient Future Through Smart Water Solutions”*

Thursday 3<sup>rd</sup> July – Friday 4<sup>th</sup> July 2025

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

Organised by:

CHULA ENGINEERING  
Corrosion Inhibitor Innovation



Co-located with:



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Thursday 3<sup>rd</sup> 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<br><b>Mr. Sanchai Noombunnam</b><br>Country General Manager of Informa Markets - Thailand  |
| 09.35-09.50 hrs. | Welcoming Remark and Keynote Address on “ <b>Green and Smart Innovations for Sustainable Water Management in a Changing Climate</b> ”<br><b>Assoc. Prof. Witaya Wannasuphoprasit, Ph.D.</b><br>Dean of Faculty of Engineering, Chulalongkorn University, Thailand |
| 09.50-10.10 hrs. | Opening Remark and Keynote Address on “ <b>Transforming water and environment management adapted for a climate - resilient future</b> ”<br><b>Mr. Pavich Kesavawong, representative of</b><br>Permanent Secretary, Ministry of Natural Resources and Environment  |

*The Organiser reserves the right to amend the program without prior notice / Information as of 16<sup>th</sup> 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

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**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**  
Speaker : Associate Professor Dr. Seree Supratid  
Position : Director, Climate Change and Disaster Center  
Company : Rangsit University and Executive Chairman, Future Tale Lab, MQDC
- 14.10-14.40 hrs.      Topic: **Reducing NRW: A Key to Strengthening Global Water Resilience**  
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**  
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**  
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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At Level 1, Conference Room MR110, Queen Sirikit National Convention Center  
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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

- 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
- 11.50-12.00 hrs.      Wrap up & End of session
- 12.00 hrs.              Lunch Break

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### **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 : Environmentalist (Senior Professional Level), Director of the Domestic  
Wastewater Subdivision, Water Quality Management Division  
Company : Pollution Control Department (PCD)
- 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

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