

## Thai Water Expo 2026

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

Wednesday 1<sup>st</sup> July – Friday 3<sup>rd</sup> July 2026

### *8<sup>th</sup> Water Forum “Transforming the Region’s Future with Sustainable Water Solutions”*

Thursday 2<sup>nd</sup> July – Friday 3<sup>rd</sup> July 2026

At Level 1, Conference Room MR111 AB, Queen Sirikit National Convention Center (QSNCC)

Organised by:

CHULA ENGINEERING  
FOUNDED 1942



TEI THAILAND ENVIRONMENT INSTITUTE  
สถาบันสิ่งแวดล้อมไทย



Co-located with:



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Thursday 2<sup>nd</sup> July 2026

#### Opening Ceremony 09.00-10.15 hrs.

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| 09.00-09.30 hrs. | Arrival of attendees   |
| 09.30-09.35 hrs. | Welcoming Remark on Thai Water Expo 2026<br><b>Mr. Sanchai Noombunnam</b><br>Country General Manager of Informa Markets - Thailand   |
| 09.35-09.50 hrs. | Welcoming Remark and Keynote Address<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 the Region's Future with Sustainable Water Solutions.”</b><br><b>Mr. Chayan Muangsong</b><br>Secretary-General, Office of the National Water Resources (ONWR) |
| 10.10-10.15 hrs. | Official Opening Ceremony and Photo Caption  |
| 10.15-11.30 hrs. | Exhibition Tour  |
| 11.30-12.30 hrs. | Lunch  |
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*The Organiser reserves the right to amend the program without prior notice / Information as of 19<sup>th</sup> May 2026*

ผู้จัดงานขอสงวนสิทธิ์ในการเปลี่ยนแปลงกำหนดการโดยไม่ต้องแจ้งให้ทราบล่วงหน้า/ ข้อมูล ณ วันที่ 19 พฤษภาคม 2569

**Executive Panel on “Advancing Sustainable water Solutions: Regional Strategies, Resilience, and Smart Management”**

**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: **Future Thailand: Insights from "Building Thailand's Future Today.**  
Speaker: Dr. Sanjay Pahuja  
Position: Senior Water Resources Management Specialist  
Company: The World Bank, East Asia and Pacific
- 10.55-11.10 hrs.      Topic: **Upscaling Sponge City Innovations: Strategic Financing and Regional Implementation Pathways.**  
Speaker: (To be confirmed)  
Position: (To be confirmed)  
Company: Asian Development Bank
- 11.10-11.25 hrs.      Topic: **Smart Water Intelligence: Enhancing Urban Resilience through Digital Innovation.**  
Speaker: (To be confirmed)  
Position: (To be confirmed)  
Company: Manila Water
- 11.25-11.40 hrs.      Topic: **Securing the Future: Sustainable Water Management Strategies for Regional Development.**  
Speaker: Mr. Bordin Udol  
Position: Director & President & Chief Executive Officer (CEO)  
Company: Eastern Water Resources Development and Management Public Company Limited or East Water
- 11.40-12.00 hrs.      Discussion and Q&A  
(All speakers on stage)
- 12.00 hrs.              Lunch Break

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**Session I: Beyond the Flood: Smart and Resilient Water Solutions for Future Cities**

**Session by:** Thai Waterworks Association (TWWA)

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

**Co-Chair:** TBC

- 13.30-13.40 hrs. **Welcoming Remark**  
Speaker : Mr. Chakapong Kamchan  
Position : Chairman, Thai Waterworks Association (TWWA) /Governor of Provincial Waterworks Authority (PWA)
- 13.40-14.10 hrs. Topic : **Strengthening Urban Flood Resilience: Lessons from Malaysia**  
Speaker : Mr. Mohamad Hairi bin Basri  
Position : President  
Company : Malaysia Water Association (MWA)
- 14.10-14.40 hrs. Topic : **Smart Water for Future Cities: AI and Automation for Resilient Systems**  
Speaker : Mr. Guosheng SUN  
Position : Deputy General Manager  
Company : Guangdong Water Group, Shenzhen (China)
- 14.40-15.00 hrs. Topic : **Urban Flood Pumping Innovation**  
Speaker : Mr. Nobuyuki Miyatani  
Position : Managing Director  
Company : EBARA (THAILAND) LIMITED
- 15.00-16.00 hrs. Panel Discussion Topic : **From Crisis to Resilience: Thailand's Lessons in Urban Flood Management**  
Panelist 1 : Mr. Paitoon Kengkarnchang  
Deputy Secretary-General Office of the National Water Resources (ONWR), Thailand  
Panelist 2 : Mr. Chairat Kaewphiangpen  
Deputy Director-General of Department of Disaster Prevention and Mitigation (DDPM), Thailand,  
Panelist 3 : Asst. Prof. Dr. Somporn Chuai-Aree  
Director, Office of Academic Resources (OAR), Prince of Songkla University, Pattani Campus; Disaster Management and Climate Specialist for Southern Thailand  
Panelist 4 : Mr. Suthat Nutpan  
Deputy Governor of the Provincial Waterworks Authority (PWA), Thailand  
Moderator : Mr. Thatsit Sakulpong  
Metropolitan Waterworks Authority (MWA)
- 16.00-16.10 hrs. Wrap up & End of session

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Friday 3<sup>rd</sup> July 2026

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

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9.30 - 10.00 Welcome Attendees

**Session II: Using of new technology to cope with climate change and elevate climate resilient**

**Session by:** Thai Hydrologist Association (Thai Hydra)

**Chairman:** Assoc. Prof. Dr. Bancha Kwanyuen

10.00-10.20 hrs. Topic: **Remote Sensing of Suspended Sediment: From Surface Observations to Vertical Profiles**

Speaker : Prof. Kwon, Siyoon

Position : Professor

Company : Department of Civil and Infrastructure Engineering, Gyeongsang National University, Korea Water Resources Association

10.20-10.40 hrs. Topic: **PREDICTING FLOOD INUNDATION IN THE PATTANI RIVER BASIN USING DEEP LEARNING**

Speaker : Assoc. Prof. Chaiwat Ekkawatpanit

Position : Professor

Company : King Mongkut's University of Technology Thonburi

10.40-11.00 hrs. Topic: **A Heterogeneous Framework for Exploring Urban Flood Resilience**

Speaker : Prof. Ahn, Kuk-Hyun

Position : Professor

Company : Kongju National University, Korea Water Resources Association

11.00-11.20 hrs. Topic: **Driving Climate-Disaster Resilience with Smart Technology for Efficient Water Operation & Management**

Speaker : Assoc. Prof. Dr. Panuwat Pinthong

Position : Professor

Company : King Mongkut's University of Technology North Bangkok

11.20-11.40 hrs. Topic: (To be confirmed)

Speaker : Prof. Dr. Dinh Nhat Quang

Position : Professor

Company : Thuyloi University (Vietnam)

11.40-11.50 hrs. Discussion and Q&A

11.50-12.00 hrs. Wrap up & End of session

12.00 hrs. Lunch Break

**Session III: Water and Nature for Resilient Cities**

**Session by: Thailand Environment Institute (TEI) in collaboration with the URBAN Project**

**Chairman: Dr. Wijarn Simachaya**

13.30-13.40 hrs. **Welcome and session overview**  
By Master of Ceremonies (MC)

13.40-14.00 hrs. **Opening Remarks**  
By Dr. Wijarn Simachaya, President,  
Thailand Environment Institute (TEI)

**Special Keynote Address "Water Management for Urban Security"**  
By Department of Water Resources

14.00-15.45 hrs. **Plenary Session: Water and Nature for Resilient Cities**

- 1) Brisbane River Catchment & Nature-Based Flood Resilience  
By University of Queensland
- 2) Singapore's ABC Waters Programme; Integrating Water and Nature into  
Urban Development  
By Urban Water Specialist
- 3) Sponge City: Integrating Nature into Urban Water Systems, China  
By Sponge City Programme
- 4) Flood Prevention and Mitigation in Thung Song Municipality, Thailand  
By the Executive of Thung Song Municipality  
Moderate by TEI

15.45-16.00 hrs. **Summary of Key Takeaways**  
**Closing Remarks**

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