



# 41ST IAHR WORLD CONGRESS SINGAPORE

Hosted by Spain Water and IWHR, China



22 – 27 JUNE 2025

INNOVATIVE WATER ENGINEERING FOR SUSTAINABLE DEVELOPMENT



# SINGAPORE INTERNATIONAL WATER WEEK SPOTLIGHT 2025

THEME: FLOOD RESILIENT CITIES – ADAPTING TO CLIMATE CHANGE

23 - 25 June 2025

Singapore EXPO

## AN INVITATION

### 41st International Association for Hydro-Environment Engineering and Research World Congress and Singapore International Water Week Spotlight 2025

### 41st International Association for Hydro-Environment Engineering and Research (IAHR) World Congress (22-27 June 2025)

With the theme “**Innovative Water Engineering for Sustainable Development**”, the 41st IAHR World Congress (IAHR2025) will be held from 22-27 June 2025 at the Singapore EXPO. It aims to foster interdisciplinary dialogue, exchange cutting-edge knowledge, and explore innovative solutions to the world's most pressing water-related challenges.

IAHR2025 will address the multi-faceted challenges posed by the dynamic intersection of water resources management, climate change adaptation, and intricate interplay between water, energy, food security, and nature. It shall provide a platform for experts, researchers and practitioners from around the world to converge and share cutting-edge insights, groundbreaking research, and new solutions in the field of water engineering to meet these challenges.

As countries and cities grapple with the effects of climate change, IAHR2025 will delve into innovative water engineering that adapts to the evolving challenges posed

by a changing hydro-environment. IAHR2025 will also explore innovative concepts that alleviate the increasing pressure on the water-energy-food nexus and the intrinsic linkages between these vital resources. Understanding and optimising this nexus is crucial to fostering sustainable development. IAHR2025 shall promote the global exchange and collaboration for integrated approaches that maximise these interconnected resources.

By placing a spotlight on innovative water engineering, IAHR2025 aims to contribute to the advancement of the Sustainable Development Goals (SDGs) in both rural and urban environments, towards resilient societies for the well-being of current and future generations.

IAHR2025 will be co-located with the Singapore International Water Week (SIWW) Spotlight 2025, a summit that will bring cities together to discuss how cities can adapt and build greater resilience to floods and extreme weather events.

Organised by:





# IAHR2025 CONGRESS SUB-THEMES AND TOPICS

## SUB-THEME A: WATER ENGINEERING AND TECHNOLOGICAL INNOVATIONS



### A.1 CLIMATE CHANGE MITIGATION

- A.1.1 Water Footprint Reduction
- A.1.2 Incorporation of Water-related Renewable Energies
- A.1.3 Energy Efficiencies to be Gained from Water Uses
- A.1.4 Carbon Sequestration and Storage in Aquatic Environments
- A.1.5 Reduction of Greenhouse Gas Emissions from Water Systems
- A.1.6 Other Related Topics



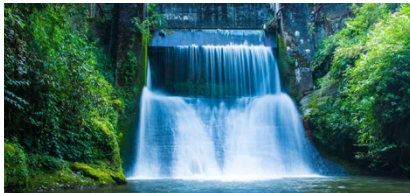
### A.2 IMPROVING RESILIENCE AGAINST WATER HAZARDS AND NATURAL DISASTERS

- A.2.1 Coastal Processes and Hazards
- A.2.2 Hydraulic Structures and Processes
- A.2.3 Enhancements in Urban Drainage Systems
- A.2.4 Sediment Transport and Bathymetrical Changes Assessment
- A.2.5 Forecasting and Warning
- A.2.6 Disaster Risk Reduction
- A.2.7 Other Related Topics



### A.3 WATER ENGINEERING AND SOCIETY

- A.3.1 Water Resources Management
- A.3.2 River Engineering and Management
- A.3.3 Reservoirs Management
- A.3.4 Urban Hydraulics
- A.3.5 Eco- and Environmental Hydraulics
- A.3.6 Water Reclamation and Reuse
- A.3.7 Seawater Desalination
- A.3.8 Cross-boundary Water Transfer
- A.3.9 Alternative Water Resources
- A.3.10 Multi-objective Optimisation
- A.3.11 Other Related Topics



### A.4 WATER ENGINEERING FOR ENERGY TRANSITION AND FOOD SECURITY

- A.4.1 Reservoir Renewable Energy Systems (Hydropower, Floating Solar, etc)
- A.4.2 Marine Renewable Energy Systems (Wave Power, Tidal Power, Hybrid Solutions, etc)
- A.4.3 Offshore Renewable Energy Systems (Offshore Wind Power, Oceanic Current Power, etc)
- A.4.4 Water-Energy-Food Nexus
- A.4.5 Water Management for Urban Agriculture
- A.4.6 Water for Hydrogen Production
- A.4.7 Blue Economy
- A.4.8 Other Related Topics



### A.5 DIGITAL TRANSFORMATION

- A.5.1 Artificial Intelligence (AI) Tools for Analysis and Decision Support under Certainties
- A.5.2 Computational Methods for Climate and Meteorology
- A.5.3 Computational Methods for Hydraulic and Water Quality Modelling
- A.5.4 Computational Methods for Coastal Processes (Waves, Currents, etc)
- A.5.5 Data-Driven Methods and Machine Learning Techniques
- A.5.6 Hydroinformatics and Big Data Analytics
- A.5.7 Other Related Topics



### A.6 EXPERIMENTAL AND FIELD METHODS

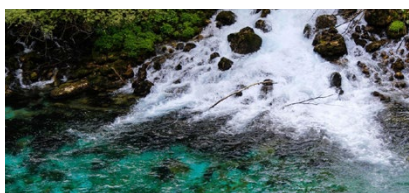
- A.6.1 Advanced Experimental Techniques
- A.6.2 Hydrological Measurements (Flow, Groundwater, Precipitation, etc)
- A.6.3 Water Quality Sampling and Analysis
- A.6.4 Aquatic Ecology and Biological Surveys
- A.6.5 Environmental Management and Monitoring
- A.6.6 Remote Sensing - Satellite
- A.6.7 Remote Sensing - Others (Unmanned Aerial Vehicles (UAV), Radar, etc)
- A.6.8 GIS Applications
- A.6.9 Data Uncertainty Analysis and Assessment
- A.6.10 Other Related Topics

## SUB-THEME B: WATER ENGINEERING AND SOCIO-ECONOMIC CONSIDERATIONS



### B.1 CLIMATE CHANGE ADAPTATION

- B.1.1 Coastal Protection and Management
- B.1.2 Flood and Droughts Management
- B.1.3 Improvement in Design Guidance under Climate Change
- B.1.4 Revised Engineering Practices in Harmony with Nature
- B.1.5 Resilience Strategies for Extreme Events
- B.1.6 Adoption of Green and Grey Water Infrastructure
- B.1.7 Other Related Topics



### B.2 WATER AND NATURE

- B.2.1 Innovative Solutions for City in Nature with Water
- B.2.2 Nature-based Solutions for Upstream Catchments and Small Streams
- B.2.3 Nature-based Solutions for Large Rivers
- B.2.4 Nature-based Solutions for Coastal and Estuarine Waters
- B.2.5 Biodiversity in Aquatic Environments
- B.2.6 Ecosystem Services
- B.2.7 Other Related Topics



### B.3 HYDRO-ENVIRONMENT ENGINEERING CULTURE

- B.3.1 Hydro-Environment History and Heritage
- B.3.2 Hydro-Environment Development and Cooperation
- B.3.3 Hydro-Environment Education
- B.3.4 Coastal Resilience and its Definitions
- B.3.5 Social Hydrology and Citizen Science
- B.3.6 Other Related Topics

Visit [2025.iahr.org](https://2025.iahr.org) for more information on IAHR2025.





# SINGAPORE INTERNATIONAL WATER WEEK SPOTLIGHT 2025

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23 - 25 June 2025  
Singapore EXPO



Hosted by Spain Water and IWHR, China

# 41ST IAHR WORLD CONGRESS SINGAPORE



22 – 27 JUNE 2025

INNOVATIVE WATER ENGINEERING FOR SUSTAINABLE DEVELOPMENT

## AN INVITATION

### Singapore International Water Week Spotlight 2025 and 41st International Association for Hydro-Environment Engineering and Research World Congress

#### Singapore International Water Week (SIWW) Spotlight 2025 (23-25 June 2025)

Cities around the world have been experiencing severe storms and extreme weather patterns over the past decade, leading to devastating floods that have destroyed properties and disrupted communities.

Held in the alternate year between main editions of SIWW, SIWW Spotlight 2025 will focus on how cities can adapt and build greater resilience to floods and extreme weather events. It will bring together leaders from cities, utilities, regulators and industry to exchange experiences, share case studies and facilitate peer-to-peer learning in tackling such climate challenges.

To be held from 23-25 June 2025 at the Singapore EXPO, SIWW Spotlight 2025 will be organised under the theme **“Flood Resilient Cities: Adapting to Climate Change”** to drive impactful exchanges and build partnerships for collective action. Sessions at Spotlight 2025 will feature a high-level roundtable, industry plenaries, workshops and networking events.

SIWW Spotlight 2025 will be co-located with the 41st International Association for Hydro-Environment Engineering and Research World Congress (IAHR2025), with joint sessions to be organised between the two events.

We invite the global water community to join us in Singapore for SIWW Spotlight 2025. To indicate your interest to attend, scan the QR code or visit:  
<https://go.gov.sg/siww-spotlight-pre-reg-form>



Organised by:

Singapore International Water Week Pte Ltd, a company set up by Singapore's Ministry of Sustainability and the Environment and PUB, Singapore's National Water Agency.



Ministry of Sustainability  
and the Environment  
SINGAPORE





# SIWW SPOTLIGHT 2025 KEY PROGRAMME HIGHLIGHTS



## CITIES ROUNDTABLE (23 JUNE 2025)

This high-level Roundtable will invite leaders from over 100 cities worldwide to discuss their experiences with innovative solutions, policy interventions, and community engagement aimed at adapting and building greater resilience towards floods and extreme weather events.



## IN-FOCUS FORUMS (23 & 24 JUNE 2025)

Curated thematic-focused sessions that present case studies of projects and solutions that have been successfully implemented in cities.



## TECHNICAL SITE VISITS (25 JUNE 2025)

Technical visits to facilities and installations which offer a first-hand experience of Singapore's integrated approach to water sustainability and resilience.



## NETWORKING FUNCTIONS (23 & 24 JUNE 2025)

Numerous networking functions offer informal opportunities to foster business and collaboration over drinks and meals. The highlight will be the Summit Dinner on 24 June 2025.

- Joint Welcome Reception
- Networking Lunches and Coffee Breaks
- Closing Dinner

## [CO-LOCATED EVENT] 41ST IAHR WORLD CONGRESS IN SINGAPORE (22-27 JUNE 2025)

SIWW Spotlight 2025 delegates will have the opportunity to participate in the 41st International Association for Hydro-Environment Engineering and Research (IAHR) World Congress (IAHR2025).

Themed "**Innovative Water Engineering for Sustainable Development**", IAHR2025 aims to foster interdisciplinary dialogue, exchange cutting-edge knowledge, and explore innovative solutions to the world's most pressing water-related challenges.

Visit [2025.iahr.org](https://2025.iahr.org) for more information.

## Who's Coming

- Senior officials from municipal governments and cities
- Captains of the water industry
- Leaders from international and national water organisations and research institutions
- Leaders from financial institutions

We invite the global water community to join us in Singapore for SIWW Spotlight 2025. To indicate your interest to attend, scan the QR code or visit: <https://go.gov.sg/siww-spotlight-pre-reg-form>



# IAHR2025 AND SIWW SPOTLIGHT 2025 OVERALL PROGRAMME

	AM			PM			EVENING	
22 June (Sun)	IAHR2025 Technical Site Visits							
	IAHR2025 Workshops / Masterclasses							
23 June (Mon)	Joint Opening	Spotlight 2025 Cities Roundtable			Spotlight 2025 In-Focus Forum		Joint Welcome Reception	
		IAHR2025 Keynotes	IAHR2025 Technical & Special Sessions		IAHR2025 Technical & Special Sessions			
	Solutions Marketplace @ SIWW Spotlight 2025 & IAHR2025							
24 June (Tue)	Joint Spotlight 2025 and IAHR2025 High-Level Panels			Spotlight 2025 In-Focus Forums			Spotlight 2025 Closing Dinner	
				IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions		IAHR2025 Young Professionals Network Night	
	Solutions Marketplace @ SIWW Spotlight 2025 & IAHR2025							
25 June (Wed)	SIWW Spotlight 2025 Technical Site Visits							
	IAHR2025 High-Level Panel / Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions			
	Solutions Marketplace @ SIWW Spotlight 2025 & IAHR2025							
26 June (Thu)	IAHR2025 High-Level Panel / Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR2025 Technical & Special Sessions	IAHR General Members Assembly	IAHR Awards & Congress Dinner	
	Solutions Marketplace @ SIWW Spotlight 2025 & IAHR2025							
27 June (Fri)	IAHR2025 Technical Sessions	IAHR2025 Technical Sessions	IAHR2025 Closing Ceremony					

Joint Events
  SIWW Spotlight 2025
  IAHR2025

\*As of 17 December 2024.

# HOW YOU CAN PARTICIPATE

## (A) SUBMIT AN ABSTRACT OR PROPOSAL FOR A SPECIAL SESSION/WORKSHOP FOR IAHR2025

### CALL FOR ABSTRACTS

Scan the QR code for the full list of sub-themes and topics, key dates and deadlines.  
For more information, email: [abstracts@iahr2025-singapore.com.sg](mailto:abstracts@iahr2025-singapore.com.sg)



### CALL FOR SPECIAL SESSIONS

Scan the QR code for the list of accepted Special Sessions.  
For more information, email: [abstracts@iahr2025-singapore.com.sg](mailto:abstracts@iahr2025-singapore.com.sg)



### CALL FOR WORKSHOPS & MASTERCLASSES

Scan the QR code for the list of accepted Workshops & Masterclasses.  
For more information, email: [abstracts@iahr2025-singapore.com.sg](mailto:abstracts@iahr2025-singapore.com.sg)



## (B) TAKE UP AN EXHIBITION BOOTH

Exhibit in the Solutions Marketplace @ SIWW Spotlight 2025 & IAHR2025. The vibrant marketplace will offer technology and solution providers the opportunity to showcase their latest developments in cutting-edge equipment, software, and instrumentation to a global audience.

### BOOTH COST

	Option A	Option B	Option C
Shell Scheme Booth	9sqm	18sqm	36sqm
Participation Cost @ S\$600/sqm	S\$5,400	S\$10,800	S\$21,600
Exhibitor Pass	4	8	12

All prices are in Singapore dollars (SGD), before 9% GST.

### SHELL SCHEME BOOTH & ENTITLEMENTS



Item	Booth Size (sqm)		
	9sqm	18sqm	36sqm
Fascia Board with Company Name and Booth No.	1	1	1
Information Counter	1	2	3
Folding Chair	2	4	6
13amp Power Point	1	2	3
LED Fluorescent Light	2	4	6
Wastepaper Basket	1	2	3

For illustration purposes only. Actual layout may vary.

Email [sales@iahr2025-singapore.com.sg](mailto:sales@iahr2025-singapore.com.sg) to book a booth or to find out more about the various exhibition packages.

## (C) BECOME A SPONSOR

These sponsorship packages are designed to provide all-rounded exposure and engagement with IAHR2025 and SIWW Spotlight 2025 attendees, aligning your company with two world-class events and its influential audience.

SPONSOR ENTITLEMENTS	PLATINUM SPONSOR (S\$250,000)	GOLD SPONSOR (S\$50,000)	SILVER SPONSOR (S\$20,000)
<b>Exclusive</b>	<b>Yes, only one sponsor</b>	<b>Non-exclusive</b>	<b>Non-exclusive</b>
Brand exposure	Both IAHR2025 and SIWW Spotlight 2025	IAHR2025 only	IAHR2025 only
<b>Exhibition Booth</b>			
Shell scheme booth	18sqm	9sqm	9sqm
<b>Speaking Opportunity</b>			
Speaking opportunity (subject to discussion)	Yes (in IAHR2025 and SIWW Spotlight 2025)	Yes (in IAHR2025)	No
<b>Networking Opportunities</b>			
Facilitated meetings with SIWW Spotlight 2025 VIPs	Yes	No	No
Opportunity to organise a side-event and/or function with facilitated invitations to VIPs (subject to discussion)	Yes	No	No
Exclusive sponsor lounge	Yes	No	No
SIWW Spotlight 2025 delegate pass	2 passes	1 pass	No
IAHR2025 delegate pass	4 passes	2 passes	2 passes
Discount on additional delegate passes*	20%	20%	20%
<b>On-Site Branding</b>			
Branding at SIWW Spotlight 2025	Yes, exclusive	No	No
Branding at IAHR2025	Yes	Yes	Yes
<b>Marketing &amp; Publicity</b>			
Advertisement in IAHR2025 digital final programme	Full colour, full page (inside-front)	Full colour, half-page	Full-colour, half-page
Sponsor acknowledgement on marketing collaterals (where appropriate)	Yes	Yes	Yes

\*Applicable across various registration categories and phases. All prices are in Singapore dollars (SGD).

## OTHER SPONSORSHIPS

### NETWORKING

EXCLUSIVE

IAHR2025 and SIWW Spotlight 2025 Welcome Reception (23 June 2025)	<b>S\$30,000</b>
IAHR2025 Young Professionals Network Night (24 June 2025)	<b>S\$20,000</b>
IAHR Awards & Congress Dinner (26 June 2025)	<b>S\$40,000</b>
SIWW Spotlight 2025 Dinner (24 June 2025)	<b>S\$40,000</b>

### COLLATERALS



EXCLUSIVE

**IAHR2025 and SIWW Spotlight 2025 Combined Delegate Lanyard**  
Full-colour sponsor logo on delegate lanyard.  
**S\$20,000**



EXCLUSIVE

**Delegate Badge (Back)**  
Full-colour sponsor design and branding on reverse side of both IAHR2025 and SIWW Spotlight 2025 delegate badge.  
**S\$30,000**

Email [sales@iahr2025-singapore.com.sg](mailto:sales@iahr2025-singapore.com.sg) to take up a sponsorship package, sponsor an ala-carte item or for any sponsorship-related enquiries.

## (D) ADVERTISE IN IAHR2025 DIGITAL FINAL PROGRAMME

The digital final programme contains comprehensive details of the technical programme and is a key reference tool for delegates. Elevate your brand's visibility and make an impression with these advertising options:

Inside Back (Exclusive)	<b>S\$2,500</b>	Inside Page (Run-of-page, half page)	<b>S\$1,000</b>
Inside Page (Run-of-page, full page)	<b>S\$1,500</b>	All advertisements are in full colour. All prices are in Singapore dollars (SGD).	

Email [sales@iahr2025-singapore.com.sg](mailto:sales@iahr2025-singapore.com.sg) to book your advertisement now and reach out to your target audience.

## (E) PARTICIPATE AS A DELEGATE

### IAHR2025 DELEGATE PASS

- Access to IAHR2025 and joint programmes, lunches and coffee breaks, and IAHR2025 welcome reception
- Workshops, masterclasses, technical site visits and IAHR2025 Congress dinner are ticketed separately

Category	Early Bird (15 Feb - 15 Mar 2025)	Standard (16 Mar - 30 Apr 2025)	Onsite (1 May 2025 onwards)
IAHR Member	S\$1,200	S\$1,500	S\$1,700
Non-IAHR Member *	S\$1,500	S\$1,800	S\$2,000
IAHR Member - Low Income Countries **	S\$1,000	S\$1,300	S\$1,500
Non-IAHR Member - Low Income Countries * / **	S\$1,200	S\$1,500	S\$1,700
Student (IAHR Member) ***	S\$800	S\$1,000	S\$1,200
Student (Non-IAHR Member) * / ***	S\$900	S\$1,200	S\$1,400

Registrations are in Singapore dollars (SGD).

\* The Non-IAHR member's registration fee includes a one-year IAHR membership.

\*\* Low Income Countries are the Low, Lower-Middle and Upper-Middle income economies defined according to the World Bank Country and Leading Groups.

\*\*\* Student - status must be certified - An official supportive letter from the institution, signed by the head of the department confirming your status, or a valid status ID card must accompany the registration.

### SIWW SPOTLIGHT 2025 DELEGATE PASS

- Access to SIWW Spotlight 2025, IAHR2025 and joint programmes, lunches and coffee breaks, and SIWW Spotlight 2025 networking functions
- Technical site visits are ticketed separately

Category	Registration Fee
General Delegate Pass	S\$2,500

Registration fee is in Singapore dollars (SGD).

We invite the global water community to join us in Singapore for SIWW Spotlight 2025. To indicate your interest to attend, scan the QR code or visit: <https://go.gov.sg/siww-spotlight-pre-reg-form>



## CONTACT INFORMATION

For enquiries on **IAHR2025**, please email: [info@iahr2025-singapore.com.sg](mailto:info@iahr2025-singapore.com.sg)

For enquiries on **SIWW Spotlight 2025**, please email: [spotlight@siww.com.sg](mailto:spotlight@siww.com.sg)

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