



ICID-CIID



MINISTRY OF AGRICULTURE
AND FOOD SECURITY



MANCID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

4th WORLD IRRIGATION FORUM (WIF4) &

3rd HIGH LEVEL ADVISORY GROUP MEETING

76th INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING

7-13 September 2025, Kuala Lumpur, Malaysia

PROGRAMME BOOK

THEME:

Is Irrigation a Sunset Industry?



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Message from The President of ICID



Dear friends,

It is my great honour and privilege to announce the ICID 4th World Irrigation Forum (WIF4) and the 76th International Executive Council (IEC) Meeting, which will be held from 7 to 13 September 2025 at the World Trade Centre in Kuala Lumpur, Malaysia.

World Irrigation Forum, since its very first conception and edition back in 2012 in Mardin, Türkiye, has always been through the years a flagship event of the International Commission on Irrigation and Drainage (ICID), involving most important leaders of governments, international organizations, water management and irrigation professional agencies, besides national and international financing donors. The present Forum (WIF4) is the fourth edition of this landmark event and will be hosted by the Malaysian National Committee on Irrigation and Drainage (MANCID).

The Malaysian National Committee on Irrigation and Drainage (MANCID) was one of the first NCs to join ICID in the year 1958 and since then has always been playing a very active role in the activities of the Commission, both at the national and international levels. Among its most prestigious members to be acknowledged are Mr. Shahrizaila bin Abdullah and Ybhg. Dato' Ir. Hj. Keizrul bin Abdullah, who were Presidents of ICID from 1993 to 1996 and from 2002 to 2005, respectively. There are also other renowned figures who were elected as the ICID Vice Presidents namely Mr. J.G. Daniel (from 1975 to 1978), Ir. Mohd. Azhari bin Ghazalli (from 2006 to 2009), Ybhg. Dato' Ir. Nor Hisham Bin Mohd Ghazali (2020 to 2023) and the post is currently held by YBhg. Dato' Ir. Mohd Azmi Bin Ismail (2024 to 2027). The Malaysian National Committee has organized numerous programmes among others were the 7th International Drainage Workshop in Penang in 1997 and the 57th International Executive Council (IEC) meeting, the 7th International Micro Irrigation Congress and 3rd Asian Regional Conference at Kuala Lumpur, in September 2006.

On behalf of the ICID, thus, allow me to convey my warmest invitation to all ICID member countries, to scientist and researchers, academicians, international organizations and political leaders all over the world dealing with sustainable water use and food security issues, to participate in these important events. It will indeed be a great opportunity for all the professionals to showcase their peer reviewed work amongst the “who is who” of the agricultural water management sector.

The main theme of the Forum will be “Is Irrigation A Sunset Industry?”, articulated through different sessions, which brings us directly to the very heart of the questions we will be dealing with in the following years, given the alarming scenarios and the complex challenges we have ahead of us.

On the one hand, we are all witnessing every day how the climate crisis is increasing the unpredictability of hydrological cycles, with extreme droughts and torrential rains becoming more and more frequent and powerful. Food security and water security, overall, are at great risk. On the other hand, we cannot ignore the incredible array of economic pressures, market volatility, and structural challenges agricultural sector is facing worldwide, creating conditions that continue to severely impact profitability and long-term sustainability for the farmers. Not to mention, of course, the energy issues: in a global context of erratic climate change and under the aleatory background of increasingly frequent geopolitical tensions, energy sustainability is the other, paramount challenge the world is facing, with rising energy costs and fluctuating interest rates that further strain operations for farmers, increasing production expenses.

Which role can irrigation play? There is no doubt that irrigation development, along with proper mapping of areas potentially to be equipped, can increase resilience of agriculture to climate change, fostering a more efficient and sustainable use of water resources, enhancing productivity per unit of land and increasing the annual amount of crop production, significantly. But, nevertheless, long-term planning and investment in irrigated agriculture remain fraught with uncertainty, in some cases. The fluctuating costs of inputs, the lack of somewhat adequate environmental policies and of suitable forms of governance, all contribute to a challenging environment for decision-making. This uncertainty has led to a more cautious approach to inward investment, which might limit the sector’s great capacity for innovation and expansion. Decision makers are therefore compelled to seek strategic guidance and explore new business models, in order to navigate these uncertainties effectively. And this is exactly the area where ICID can more significantly offer its support, by means of the huge knowledge sharing its scientific community can bring, of the articulated capacity building programs it can deliver, of the multifaceted relationships and interconnections with international organizations and donors it can offer.

Hence, for these reasons but not only for these, I like to say that coming to the 4th World Irrigation Forum (WIF4) and the 76th International Executive Council (IEC) Meeting will be a truly inspiring experience, both from the scientific and cultural point of view.

Thank you.

Dr. MARCO ARCIERI
President of ICID

**Message from
Minister of Agriculture and Food Security of Malaysia**



Dear esteemed delegates,

It is my great pleasure, on behalf of the Ministry of Agriculture and Food Security of Malaysia, to extend a warm welcome to all participants of the 4th World Irrigation Forum (WIF4) and the 76th International Executive Council Meeting. It is our honour to host these events from September 7th to 13th, 2025, in Kuala Lumpur.

Today, the world faces major challenges in managing water for agriculture. It is important to acknowledge the ongoing challenges posed by climate change, extreme weather events, land degradation, and water scarcity, which have the potential to affect food security and agricultural productivity. As global demand for food rises, it is essential for countries to consider not only improved agricultural practices but also smart and sustainable irrigation strategies.

A key aspect of this transformation involves enhancing irrigation and water management systems. Efficient, modern, and adaptive irrigation networks have the potential to reduce the risk of extreme weather impacts, improve yields, and support livelihoods, especially among smallholder farmers. It is important to consider the role of technology adoption, appropriate crop planning, and the integration of nature-based solutions. These factors could play a crucial role in ensuring that irrigation remains relevant and central to future food systems.

WIF4 offers a timely platform to engage with the forum's theme: Is Irrigation a Sunset Industry? This thought-provoking question invites us to consider the sector's evolving role in a rapidly changing world. The forum is organized around four sub-themes:

- (1) the challenges of irrigation and drainage for food security,
- (2) technological innovation and modernization in agriculture,
- (3) policy innovation, service delivery, and financing mechanisms, and
- (4) nature-based solutions to strengthen ecological resilience—are highly relevant to Malaysia and many other countries working towards agricultural sustainability.

We believe that strong collaboration, inclusive dialogue, and active knowledge-sharing at platforms such as WIF4 are vital to shaping a future that is both food-secure and water-resilient. I encourage all participants to engage wholeheartedly, contribute their expertise, and explore opportunities for collaborative action that can drive meaningful and lasting change.

I sincerely hope that WIF4 will serve as a fruitful and inspiring forum for all participants. May the outcomes of this esteemed gathering leave a lasting impact on the future of global irrigation, integrated water management, and agricultural sustainability.

Thank you.

YB DATUK SERI HAJI MOHAMAD BIN SABU
Minister of Agriculture and Food Security, Malaysia

Message from The Chairman of MANCID



For the first time in 2025, Malaysia has been given the honour of hosting the 4th World Irrigation Forum. On behalf of the Malaysian National Committee on Irrigation and Drainage (MANCID) representing the Ministry of Agriculture and Food Security, I am very pleased to welcome all participants to the 4th World Irrigation Forum, which will be held from 7–13 September 2025 at the World Trade Centre (WTC), Malaysia.

The organization of this conference is in line with one of the 6 Core Values of Malaysia MADANI, which is “Economic, social and environmental well-being through a culture of knowledge and diversity of views”. Almost 20 years after Malaysia successfully hosted the 3rd Asian Regional Conference (ARC) and 57th International Executive Council (IEC), this conference is the best opportunity for Malaysia to be more active on the world stage in the fields of irrigation, drainage and food security.

Malaysia is honoured to host this prestigious event, and we are committed to ensuring that this forum becomes a landmark in advancing sustainable irrigation practices worldwide. Our country's rich history in water management and agriculture, combined with our dedication to innovation, provides the perfect backdrop for meaningful discussions and groundbreaking initiatives.

As the global community faces increasing challenges in water management, climate change and food security, it is important that we come together to exchange knowledge, share experiences and collaboratively find solutions. The World Irrigation Forum serves as an important platform for global leaders, experts and practitioners to discuss pressing issues in irrigation and water resources management.

In line with the current global developments towards sustainable development for the agricultural sector, the theme highlighted in conjunction with the 4th World Irrigation Forum (WIF4) & 76th International Executive Council (IEC) Meeting is "Is Irrigation a Sunset Industry?".

The choice of a theme that focuses on the sustainability of the irrigation and agriculture sectors is relevant and significant. This considers the importance of developing the irrigation and agriculture sectors to enable the ICID member countries to achieve their food security goals and objectives. It is also to expand the use of modern technologies such as automation, smart water management systems, or soilless agriculture techniques to replace reliance on traditional irrigation systems and elevate the irrigation sector as a key pillar in achieving national food security. This conference also contributes to climate change adaptation measures in irrigation, drainage and food security activities including strategies to reduce greenhouse gas emissions under the agriculture sector.

I am confident that the 4th World Irrigation Forum will foster fruitful dialogue and strengthen international cooperation in achieving the United Nations Sustainable Development Goals, particularly in areas related to water, food and agriculture.

Once again, I welcome you all to Malaysia and look forward to the discussions, networking and exciting opportunities that this forum will undoubtedly provide.

Thank you.

Ir. YUSLINA HJ. MOHD SANI
Chairman of MANCID

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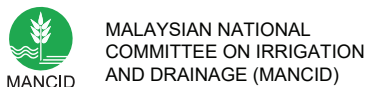
About ICID

The International Commission on Irrigation and Drainage (ICID) is a leading scientific, technical, and professional not-for-profit international organization working in the field of irrigation, drainage, and flood management to promote and achieve sustainable agriculture water management.

As a knowledge-sharing platform, we are dedicated to improving the status of agricultural water management practices including rain-fed agriculture, supplemental irrigation, deficit irrigation and full irrigation. Our other core activities focus on the drainage of agricultural lands and the management of extreme climate events such as floods and droughts.

ICID OFFICE

International Commission on Irrigation and Drainage (ICID)
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E-mail: icid@icid.org



MALAYSIAN NATIONAL
COMMITTEE ON IRRIGATION
AND DRAINAGE (MANCID)

The Malaysian National Committee on Irrigation and Drainage (MANCID) was established in 1958 as a scientific, technical, and voluntary non-profit organisation. MANCID serves as Malaysia's official national committee to the International Commission on Irrigation and Drainage (ICID) and plays a key role in promoting sustainable agricultural water management and food security.

MANCID accomplishes its objectives through various member activities including national conferences, workshops, and participation in ICID events and programmes. It also engages in technical visits and knowledge exchange initiatives with neighbouring countries such as Indonesia, Vietnam, and Thailand to strengthen regional cooperation within ICID's Asian Region. Additionally, MANCID functions as an information centre for publication and technical data on irrigation, drainage, and flood control in Malaysia, supporting knowledge-sharing among stakeholders involved in agricultural water management.

MANCID OFFICE

Bahagian Pengairan dan Saliran Pertanian,
Aras 2, Galeria Putrajaya Jalan P4 W,
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62100 Putrajaya
Phone: 03-8894 3000
Email: mancidmalaysia@gmail.com

STEERING COMMITTEE AND ORGANIZING COMMITTEE

YBhg. Datuk Seri Isham Ishak

Secretary General, Ministry of Agriculture and Food Security (MAFS)

YBhg. Dato' Sri Norazman Ayob

Deputy Secretary General (Policy), Ministry of Agriculture and Food Security (MAFS)

Ir. Yuslina Hj. Mohd Sani

Director, Agriculture Drainage and Irrigation Division

Mdm. Hizatul Haliza Hashim

Director, Agricultural Capacity Building and Training Division

YBhg. Datuk Dr. Mohd Haniff Hassan

Secretary, Food and Agro-based Industry Division (IMAT)

Mr. Mohd Rizal Abidin

Secretary, Finance Division

Mdm. Hidayatul Shuhaida Kamarudin

Secretary, Human Resources Division

Mdm. Azura Abdullah

Secretary, Administration Division

Mdm. Faridah Ibrahim

Secretary, Digital Services Division

Mdm. Aina Azza Hj. Zaid

Secretary, Agricultural Modernization Division

Mr. Mohd Zulkifli Harun

Secretary, Paddy Industry Development Division (PIP)

Mr. Khalid Ibrahim

Secretary, Business Development and Investment Division (BDI)

Mdm. Siti Salwahanim Mohd Nazir

Secretary, International Division

Mr. Shahril Faizal Abdul Jani

Secretary, Policy and Strategic Planning Division (DPS)

Unit Leader, Corporate Communication Unit

LOCAL ORGANIZING COMMITTEE

Managing Director

Ir. Yuslina Hj. Mohd Sani
Dato' Paduka Ir. (Dr.) Hj. Keizrul Abdullah

Executive Committee

Ir. Yuslina Hj. Mohd Sani
Dato' Prof. Dr Nor Azazi Zakaria
Dato' Ir. Rozman Mohamad
Dato' Ir. Mohd Azmi bin Ismail
Ir. Nor Hafizah Mohd Suhadis
Ir. Siti Hawa Adila Mohd Yusof
Baharuddin Yaakob
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Dato' Ir. Hj. Ahmad Darus
Dato' Ir. Nor Hisham Mohd Ghazali
Dr Siti Kamariah Ghazali
Ir. Ts. SV Kalaiselvam A/L Velayudan
Eddy Herman Sharu
Dhamson Polus Masundang

Event Manager

Mohd Kamal Mustafa
Ir. Faridzul Mohammad Fadzil
Mr. Muhammad Haniff Ahmad
Ir. Nur Hareza Redzuan

Deputy Event Manager

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Ir. Gunasegaran A/L Maruthai
Siti Salwahanim Mohd Nazir
Nooraida Mokhtar
Evelyn Roni Anak Tada
Norafzan Mat Ghani
Muhamad Aliif Aimran Jamaari

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Nurul Aqilah Razeman
Nurul Wahida Ismail
Shangri A/P Chandra Sekaran

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Ir. Nor Rozaini Abdullah
Ir. Juliana Abdullah
Muhammad Fakhri Ibrahim
Rohana Ab. Rahman
Siti Khuzaimah Abdul Wahab
Munira Mohd. Saferi
Mohamad Yassin Salikan
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Mohammad Jhan Suhairin
Noor Hafizah Aini Yahya
Siti Juliatika Mohd Jais
Saidatul Salmah Mohamed Saperi
Nurdiana Mat Sarif

Technical Visit & Spouse Programme

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Ts. Muhammad Syukri Mohamed Rodzi
YM Raja Mohd Noorhafizuddin Raja Daud
Muhammad Nazri Ithnin
Nelson Lee Teck Hua
Nur Syahira Shahadan
Zurina Binti Md Isa

Database & Registration System Development

Mr. Abdul Hafiz Mohammad
Mr. Thayalam A/L Sekaran

Registration Secretariat Mohamed Hafiz Kamaluddin Nurul Alisah Aminon Nur Emira Diana Abd. Rahman Mohamad Safberi Che Ani Nur Lim Ching Woon Abdullah Khairulanwar Mohamad Mr. Mohd Firdaus Mokhtar Mr. Mohd Redhuan Jusoh Mr. Kamarul Arifin Yahya Norizan Ishak	Information Technology (IT) Mr. Mohd Syawal Abd. Wahid Mr. Thayalam A/L Sekaran Muhammad Faqrul Radzi Zainal Rashid Wan Mohd Faiz Wan Mahmood Siti Nur Khairriyyah Sa'ari Muhamad Fikri Mohd Hisham
Logistic & Technical Support Ir. Ts. Mohd Faizul Mustapha Ir. Hj. Mohd. Fairuz Harun Mr. Wahyudin Martoyo Mr. Azizul Azhar Ab Aziz Tc. Mohd Sahril Mohd Stapar Mr. Abdul Rahman Saaid	Volunteer Coordinator Adrian John Ngau Dhamsom Polus Masundang Ts. Gs. Mohammad Hakim Dato' Hasnul Muhammad Hanif Abdullah Zawawi Muhammad Haniff Ahmad
Scientific Program Manager Ir. Gunasegaran A/L Maruthai Ir. Ts. Hjh Hayati Zainal Ir Mazura Nor Zulkifli Prof. Badronnisa Binti Yusof	Marketing and Promotion Naz Zilla Najir Siti Norazura Salikin Azah Azura Mohd Yusof@Daud
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Exhibitors Ir. Hanizan Mukhtar Mr Zainudin Ali Ir. Sreedaran Ir. Shahril Tahirin Wan Azliza Wan Aziz	
WIF4 PCO Coordinator Mr. Farid Wajidi Mat Yusoff Ts. Dr. Khairul Rahmah Ayub Assoc. Prof. Dr. Mohd Remy Rozainy Ir. Dr. Chang Chun Kiat Dr. Noor Aida Saad Dr. Puay How Tion Mr. Lee Wei Sin Mr. Mohd Kusairay Musa Mdm. Nurzalina Nordin Mdm. Nor Zainah Bahari Ms. Siti Fairuz Juani	
Mr. Mohd Fazly Yusoff Mr. Syafiq Shahruluddin Mdm. Nor Ariza Azizan Mdm. Junaidah Abdullah Mr. Muhammad Nurfasya Alias Mr. Muhammad Zaki Mohd Kasim Mdm. Siti Faizah Binti Abd Halim Mr. Wan Ahmad Sarbini Mr. Mohd Amir Husaini Abd Hamid Mr. Mohammad Nazer Abdul Hadi	

INTERNATIONAL STEERING COMMITTEE (ISC) FOR WIF4	
Dr. Marco Arcieri <i>President, ICID</i>	Co-Chair
Ir. Yuslina Binti Hj Mohd Sani <i>Chairman, MANCID</i>	Co-Chair
VP Prof. Dr. Sylvester Mpandeli <i>Chair, PCTA</i>	Member
Dato' Prof. Dr. Nor Azazi bin Zakaria <i>Vice Chairman-1, MANCID</i>	Member
Dato' Ir. Rozman bin Mohamad <i>Vice Chairman-2, MANCID</i>	Member
Dr. R. K. Gupta <i>Secretary General, ICID</i>	Member-Secretary

TASK FORCE TO GUIDE THE PARTNERSHIP PROCESS (TF-GPP) FOR WIF4	
Dr. Marco Arcieri <i>President, ICID</i>	Chair
Mr. Felix B. Reinders <i>President Hon., ICID</i>	Member
VP Dr. Vadim Sokolov <i>Chair, PCSO</i>	Member
VP Dr. Sylvester Mpandeli <i>Chair, PCTA</i>	Member
Dr. Ding Kunlun <i>Vice President Hon., ICID</i>	Member
Dr. Tsugihiko Watanabe <i>Vice President Hon., ICID</i>	Member
Ms. Amal Talbi-Jrdan <i>World Bank</i>	Member
VP Dr. Hj. Nor Hisham Bin Mohd Ghazali	Member
Mr. Maher Salman <i>FAO-UN</i>	Member
Mr. Lance Gore <i>ADB</i>	Member
Mr. Xueliang Cai <i>ADB</i>	Member
Dr. Mark Smith <i>IWMI</i>	Member
Dr. R. K. Gupta <i>Secretary General, ICID</i>	Member

INTERNATIONAL TECHNICAL ADVISORY COMMITTEE (ITAC) FOR WIF4	
Dr. Marco Arcieri <i>President, ICID</i>	Chairperson
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VP Dr. Vadim Sokolov <i>Chair, PCSO</i>	Member
VP Dr. Hj. Nor Hisham Bin Mohd Ghazali	Member
Mr. Maher Salman <i>FAO</i>	Member
Ms. Amal Talbi-Jrdan <i>World Bank</i>	Member
Mr. Dan Martin <i>FAD</i>	Member
Ms. Catherine Lagarde <i>WWC</i> <i>Representative of ICRISAT</i>	Member
Ms. Jaehyang So <i>Chair, GWP Technical Committee</i>	Member
Dr. Cheema Muhammad <i>IWMI</i>	Member
Dr. Mukand S. Babel <i>AIT (alt: Dr. Mohana Sundaram)</i>	Member
Mr. Lance Gore <i>Principal Water Resources Specialist, ADB</i>	Member
Ir. Yuslina Binti Hj Mohd Sani <i>Chair, MANCID</i>	Member
Dato' Prof. Dr. Nor Azazi bin Zakaria <i>Vice Chair-1, MANCID</i>	Member
Dato' Ir. Mohd Azmi bin Ismail <i>Vice President, ICID</i>	Member
Assoc. Prof. Dr. Badronnisa Yusuf	Member
Dr. Goh Hui Weng	Member
Dr. R.K. Gupta <i>Secretary General, ICID</i>	Member

Opening Ceremony
8th September 2025
Merdeka Hall, World Trade Centre

Time/ Date	Tentative
Monday, 08 September 2025	
08:00-10:45	Opening Ceremony
08.00-09.00	Arrival of invited guest
09:00-09:05	Arrival of H.E. Datuk Seri Haji Mohamad bin Sabu Minister of Agriculture and Food Security, Malaysia
09:05-09:08	National Anthem
09.08-09.20	Cultural Performance
09.20-09.23	Prayer Recitation
09:23-09:28	Welcoming Address by Ir. Yuslina binti Hj Mohd Sani Chairman, Malaysian National Committee on Irrigation and Drainage (MANCID)
09:28-09:38	Video on International Commission on Irrigation and Drainage (ICID)
09:38-09:43	Address by Dr. Marco Arcieri, President, International Committee on Irrigation and Drainage (ICID)
09:43-09:48	Address by Mr. Lifeng Li, Director of the Land and Water Division, Food and Agricultural Organisation of United Nations (FAO)
09:48-09:53	Address by Mr. Loïc Fauchon, President, World Water Council (WWC)
09:53-09:58	Introduction of winner of World Irrigation and Drainage Prize (WID-2025) by President (Hon.) Prof. Bart Schultz
09:58-10:03	A short film on contribution of Dr. GAO Zhanyi
10.03–10.05	Handing over of award by Dr. Marco Arcieri, President, ICID
10.05–10.10	Address by the Winner of World Irrigation & Drainage Prize - 2025
10.10-10.15	Felicitations of dignitaries by ICID
10:15-10:25	Opening Address by H.E. Datuk Seri Haji Mohamad bin Sabu, Minister of Agriculture and Food Security, Malaysia
10.25-10.30	Gimmick & Montage
10.30-10.35	Release of ICID Publication
10.35-10.45	Appreciation to Sponsor
10.45-10.48	Felicitations to Minister by ICID
10:48-11:15	Opening of the International Exhibition <ul style="list-style-type: none"> • Proceed to the Exhibition Hall • Ribbon cutting ceremony • Visit at Exhibition Hall
10:45-11:15	Health Break /Exhibitions
11:15	Forum Start

GENERAL INFORMATION

The Forum will be held at World Trade Centre (WTC) Kuala Lumpur. It is situated next to Kuala Lumpur's Golden Triangle, and only 45 minutes from the Kuala Lumpur International Airport. The venue is highly accessible through road, light rail transit (LRT), and Keretapi Tanah Melayu (KTM) and is serviced by frequent bus and taxi services.

Address: 41, Jalan Tun Ismail, 50480 Kuala Lumpur, Malaysia. Tel: (603) 2614 6999. Fax: (603) 4043 3777. Email: ask@wtckl.com

REGISTRATION COUNTER

The Forum Registration Counter is located at Level 2, Main Entrance beside Riverside Restaurant. The counter will be open on:

Sunday (September 7, 2025) from 8:00 to 18:00
Monday (September 8, 2025) from 8:00 to 18:00
Tuesday (September 9, 2025) from 8:00 to 18:00
Wednesday (September 10, 2025) from 8:00 to 18:00
Thursday (September 11, 2025) from 8:00 to 18:00

TECHNICAL VISITS DESK

If you are interested to join the technical visits, WIF4 Secretariat is available to assist you with the technical visit programmes. For further details, please go to the <https://www.wif4.org/index.php/en/programme/technical-visits> . The Technical Visit Desk is located next to the registration counter.

ACCOMPANYING PERSON DESK

If your accompanied person is interested in booking a tour, WIF4 Secretariat is available to assist your accompanied person with a lot of programmes. You may choose the programme from the website <https://www.wif4.org/index.php/en/programme/tour-for-accompanying-persons> . The Accompanying Person Desk is located next to the registration counter.

NAME BADGES

All delegates including speakers, presenters, participants, sponsors and exhibitors are required to wear the Forum badge. The Forum Secretariat will strictly monitor and ensure that only individuals wearing the official Forum name badge are granted access to the Forum program. If you misplaced your name badge, please visit the Registration Counter to obtain a replacement badge. Please note that there will be a RM10/USD3 charge for reprinting.

CAR PARK

WTC provides 2,000 parking bays in a 4 multi-level car park which is accessible via 2 entrances. The car park is open 24 hours, 7 days a week. Parking can be paid at the automatic payment machines located at the car park access points.

MEDICAL EMERGENCY

A medical clinic is available on Level 2 of WTC. In case of an emergency, you may contact 999.

WIF4 SECRETARIAT

The WIF4 Secretariat Room is located at Kenanga Room and open from 9:00 to 18:00 on Sunday (September 7, 2025) and from 9:00 to 17:30 on Monday to Friday (September 8 – 12, 2025).

ICID SECRETARIAT OFFICE

The ICID Secretariat Office is located at Teratai Suite, and open from 9:00 to 18:00 on Sunday (September 7, 2025) and from 9:00 to 17:30 on Monday to Friday (September 8 – 12, 2025)

COFFEE BREAKS AND LUNCH

Coffee Breaks and Lunch will be provided on Monday to Thursday. Coffee Break will be provided at Tun Razak 4 (TR4) Level 4, while Lunch will also be provided at Tun Razak 4 (TR4) Level 4. To access this area, you must be wearing your name badges. Times for breaks and lunch will be informed on each day of the Forum Programme.

MOBILE PHONES AND ELECTRONIC EQUIPMENT

Please ensure that your mobile phone or other electronic equipment is set to TURNED OFF or in SILENT mode during all Forum sessions in order to give full attention to the speakers and presenters.

WIFI / INTERNET ACCESS

Free WIFI is available for delegates throughout WTC, sufficient for basic email and web browsing, however it does not support large downloads or file transfers.

TRANSPORTATION

KLIA Express Rail Link (ERL)

• PAYMENT METHOD:

Cashless via Website / Mobile App / Self-service kiosk

• Mobile App (KLIA Express):

Google Play for Android:

https://play.google.com/store/apps/details?id=com.erl_project&pcampaignid=web_share

Apple Store for iOS:

<https://apps.apple.com/my/app/klia-ekspres/id1504838390>

Visit <https://www.kliaekspres.com/> for more information or ticket booking!

Grab Car Service:

• Payment Method:

Cash / Cashless via Mobile App

• Mobile App:

Google Play for Android:

<https://apps.apple.com/sg/app/grab-taxi-ride-food-delivery/id647268330?mt=8>



ANDROID

Apple Store for iOS:

<https://apps.apple.com/vn/app/grab-taxi-ride-food-delivery/id647268330?mt=8>

Visit <https://www.grab.com/my/zh/> for more information!



APPLE STORE FOR IOS

ACCOMMODATION

The official hotels, Seri Pacific Hotel and Sunway Putra Hotel have been carefully selected to accommodate delegates and VIPs, ensuring a premium experience during their visits to the WIF4 and the 76th IEC Meeting.

Additionally, a range of nearby hotels, spanning from luxurious 5-star options to comfortable 2-star accommodations, has been listed to provide participants with a variety of choices to suit their preferences and budgets

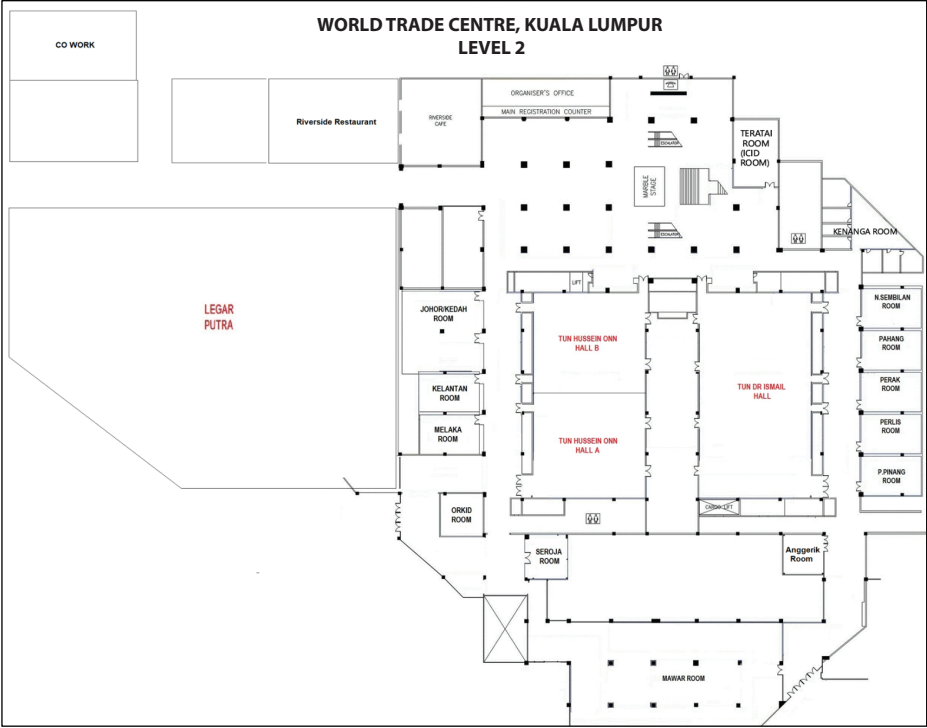
Scan here to get
hotel locations



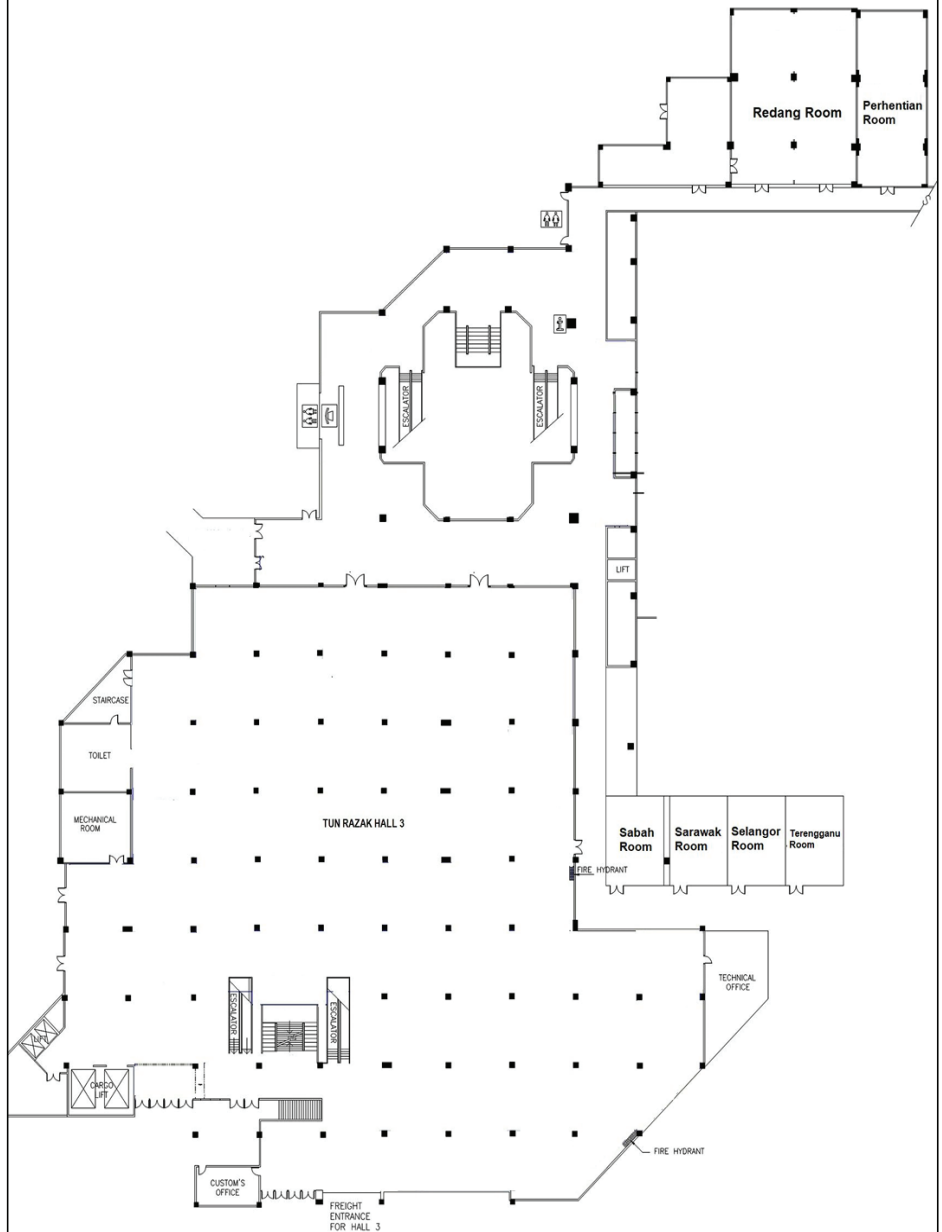
Hotel Details	Star	Distance to WTCKL
Seri Pacific Hotel	5-Star	0.4 km
Sunway Putra Hotel	5-Star	0.3 km
Grand Millenium Hotel Kuala Lumpur	5-Star	4 km
Ascott Star Kuala Lumpur	5-Star	4 km
Impiana KLCC Hotel	4-Star	3.6 km
The KL Journal Hotel*	4-Star	7 km
Dorsett Kuala Lumpur	4-Star	7 km
AC Hotel by Marriott KL	4-Star	1.5 km
Sky Hotel Chow Kit PWTC	3-Star	0.3 km
Hotel Seri Putra	3-Star	0.4 km
Sani Hotel	3-Star	0.4 km
Leo Palace Hotel @WTC	3-Star	0.5 km
Smile Hotel Chow Kit PWTC	3-Star	0.6 km
Hotel O Crossroads Hotel	2-Star	0.9 km
Hotel 28 Titiwangsa	2-Star	0.6 km

MONEY CHANGER

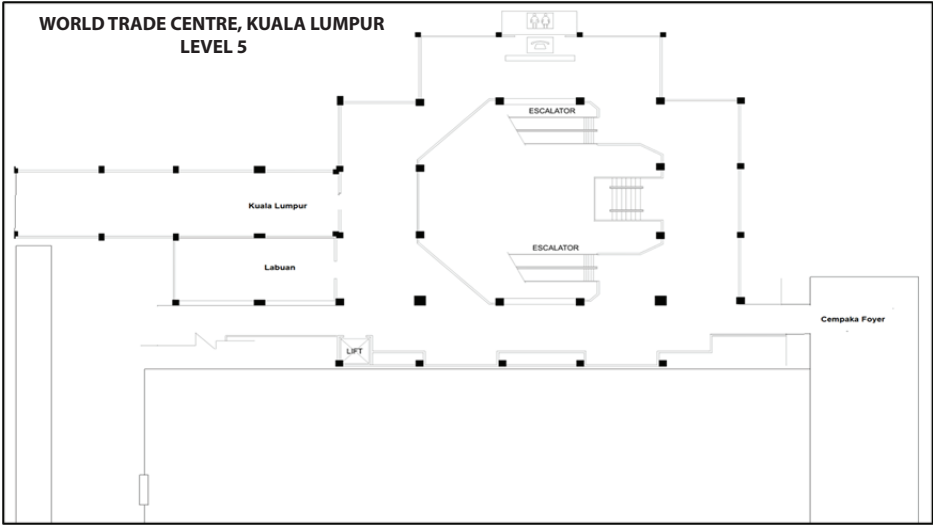
The nearest money changer is located at Sunway Putra Mall, Ground Level, approximately a 5-minute walk from WTC KL.



**WORLD TRADE CENTRE, KUALA LUMPUR
LEVEL 3**



[illegible]



PRESENTATION GUIDES FOR ORAL PRESENTATION

1. PREPARE YOUR PRESENTATION

The length of presentation material should be in accordance with your allotted time. You are requested to upload your presentation files before the session starts.

2. DURATION OF PRESENTATION TIME

- Keynote speaker: 20 minutes each
- Oral presentation: 12 minutes each; 3 minutes Q & A

Please refer to the Programme Book for specific presentation time. You are kindly requested to arrive at the meeting room at least 15 minutes before the session starts, to meet the Session Chair and check that your presentation has been correctly loaded.

3. DETERMINE YOUR AUDIO-VISUAL NEEDS

Each room is equipped with a notebook, an LCD projector and a screen. PowerPoint is the standard presentation format. Notebooks in the rooms operate on Windows platform with version Windows 10 and Microsoft Office 2013. If you have different requirements please inform the Secretariat in advance.

Embedded video clips in presentations: Please be aware that video clips should not be included in the PowerPoint file itself and the clips themselves must be copied separately to the memory stick or other media used. Please notify the technician of any video clips that are in your presentation so that these can be correctly embedded.

Apple computer: We prefer not to use your Apple computer due to delay it will cause. In any case if you have to bring your Apple computer, please make sure you bring the necessary cabling. We do however would like to encourage you to bring your presentation on a USB.

SOCIAL EVENTS

OPENING CEREMONY (OPEN TO ALL PARTICIPANTS)	
Time: 8th Sept 2025, Monday 09:00-10:45	
Venue: Merdeka Hall (Level 4)	

WELCOMING DINNER (OPEN TO ALL PARTICIPANTS WITH FULL FORUM REGISTRATION— NOT APPLICABLE FOR DAILY REGISTRATION)	
Time: 8th Sept 2025, Monday 19:00-2100	
Venue: Tun Hussein Onn (Level 2)	

CLOSING CEREMONY (OPEN TO ALL)	
Time: 10th Sept 2025, Wednesday 16:00-17:30	
Venue: Tun Dr Ismail (Level 2)	

WELCOME RECEPTION CNCID (PARTICIPATION ON INVITATION)	
Time: 12th Sept 2025, Friday 19:00-2100	
Venue: Mawar Hall (Level 2)	

ACCOMPANYING PERSON TOUR

DATE	TIME	ACTIVITY	MEETING POINT
Monday September 8, 2025 (Day 1)	9.00 am – 5.30 pm	AT-1: EXPERIENCE LIFE IN KUALA LUMPUR <ul style="list-style-type: none"> • Explore KL's dynamic cityscape, heritage, and culinary charm. • Walk through KLCC, Central Market, and historical streets. 	08:30 in WTC KL (Ground Floor)
Tuesday September 9, 2025 (Day 2)	08:30 – 21:00	AT-2: JONKER WALK & MELAKA CITY <ul style="list-style-type: none"> • Discover the heritage of UNESCO-listed Melaka City. • Explore Jonker Walk, local delicacies, and cultural sites 	08:00 in WTC KL (Ground Floor)
Wednesday September, 10 2025 (Day 3)	08:30 – 21:00	AT-3: GENTING HIGHLANDS EXCURSION <ul style="list-style-type: none"> • Enjoy cool mountain air, panoramic views, shopping, and entertainment. • Ideal for relaxation or adventure at higher altitudes. 	08:30 in WTC KL (Ground Floor)

Remarks:

It would be advisable for individuals with health concerns, such as heart conditions, high blood pressure, fear of heights, anxiety, panic attacks, migraines, or those under a doctor's supervision, to consider their participation carefully. Your health and safety are our priority!



TECHNICAL TOURS

DATE	TIME	ACTIVITY	MEETING POINT
Tuesday September 9, 2025	9.00 – 15.30	TECHNICAL TOUR 1 TT-1: SMART: The World's First Dual-Function Tunnel Recognised as an engineering innovation addressing urban flood and mobility challenges.	08:30 in WTC KL (Ground Floor)
Tuesday September 9, 2025	14:00 – 17:30	TECHNICAL TOUR 2 TT-2: Malaysia's Beacon of Pride and Aspiration from the 86th floor of the PETRONAS Twin Tower <ul style="list-style-type: none"> • Technical insights on Malaysia's iconic skyscraper. • Access Level 86 for panoramic city views. 	13:30 in WTC KL (Ground Floor)
Wednesday September, 10 2025	08:30 – 20:00	TECHNICAL TOUR 3 TT-3: The Rice Bowl of Selangor Through Sekinchan Irrigation Scheme and the Integrated Agricultural Development Area of Barat Laut Selangor (IADA BLS) <ul style="list-style-type: none"> • Explore irrigation schemes and rice farming technologies. • Learn sustainable agriculture practices at IADA BLS 	08:00 in WTC KL (Ground Floor)
Thursday 11 September 2025	09:00 – 17:30	TECHNICAL TOUR 4: TT-4: MARDI Seri Kembangan & Putrajaya <ul style="list-style-type: none"> • Visit MARDI's agricultural R&D facilities. • Tour key landmarks in Malaysia's administrative capital in Putrajaya 	08:30 in WTC KL (Ground Floor)



WATSAVE AWARDS

Improving water efficiency is the imminent challenge faced in agriculture today. There is a need to innovate and change existing water policies, management practices and new water-saving techniques. A holistic approach involving all the stakeholders like farmers, corporates, government and civil society organisations is required to increase water productivity. Recognizing this need, ICID constituted WatSave Annual Award(s) in 1997 to identify and promote exceptional water conservation/saving practices in agriculture. They are presented every year to individuals or a team of individuals after evaluating actual realized savings; and not promising research results, plans or good ideas/intentions to save water.

The award consists of an honorarium of US\$ 2000 and a citation plaque. The WatSave Awards are presented during the Annual ICID Executive Council Meeting (IEC). An autonomous international panel of judges adjudges the winners every year.

<p style="text-align: center;">Innovative Water Management Award</p> <p>It is presented to recognize non- technological interventions, innovative land and water management practices and policy interventions helping in increasing water availability for different uses. It aims to identify new policies/approaches for water - saving leading to the cost-effective and beneficial use of water</p>	<p style="text-align: center;">Technology Award</p> <p>It is presented to recognise the best technological applications or projects developed, which have been successful in saving water and/or recovering wastewaters/low-quality waters.</p>
<p style="text-align: center;">Young Professionals Award</p> <p>It is presented to recognize young professionals (below 40 years) contributing to original research and innovative water - saving techniques leading towards sustainability.</p>	<p style="text-align: center;">Farmer Award</p> <p>It is presented to farmer or farmer(s) who has successfully developed or implemented water-efficient farming techniques in the farms as well as the community.</p>

THEME:
IS IRRIGATION A SUNSET INDUSTRY?

Over the last 20 years, the landscape of irrigation has undergone significant transformations, especially in Southeast Asia and many developing countries where irrigation has remained central to agricultural productivity and rural development. It is crucial to acknowledge both the advancements and the challenges that have shaped this sector, which become the main focus throughout this discourse.

The past two decades have witnessed remarkable innovations in irrigation technology. From the introduction of drip and sprinkler systems to the adoption of precision agriculture, these advancements have revolutionized water management. Countries like Thailand, Vietnam, and Indonesia have embraced these technologies, leading to enhanced crop yields and resource efficiency. Irrigation has played a vital role in driving economic growth and improving livelihoods in rural areas. In many developing countries, irrigation systems have provided a lifeline for smallholder farmers, enabling them to achieve food security and increase their income levels. Moreover, the development of community-based irrigation schemes has fostered social cohesion and empowerment.

Despite these achievements, the irrigation sector faces significant challenges such as water scarcity, climate change, and environmental degradation, which are pressing issues that threaten the sustainability of irrigation practices. For instance, in Southeast Asia countries, the over-extraction of groundwater and inefficient water use have raised concerns about the long-term viability of irrigation.

Due to this, effective policy and governance are paramount to addressing these challenges. Governments in developing countries have been working towards integrated water resource management and promoting sustainable irrigation practices. However, the implementation of these policies often encounters hurdles such as limited financial resources and institutional capacity. As we contemplate the future of irrigation, it is essential to consider a holistic approach that balances technological innovation, environmental stewardship, and socio-economic development. Collaborative efforts between governments, private sector, and local communities are key to achieving sustainable irrigation systems.

In conclusion, the question "Is Irrigation a Sunset Industry?" prompts us to reflect on both the progress made and the obstacles that remain. While the challenges are substantial, the potential for innovation and growth in the irrigation sector is immense. Together, we can ensure that irrigation continues to be a vital component of agricultural development and food security in Southeast Asia and beyond.

THEMES AND SUB-THEMES

MAIN THEME: IS IRRIGATION A SUNSET INDUSTRY?

<p>SUB-THEME 1 (ST-1): CHALLENGES OF IRRIGATION AND DRAINAGE FOR FOOD SECURITY IN THE CHANGING WORLD</p> <p>Sub-Theme 1 Topics:</p> <ol style="list-style-type: none"> 1.1 Adapting Irrigation Systems to Climate Change. 1.2 Sustainable Water Use in Arid and Semi-Arid Regions. 1.3 Treated Wastewater Reuse for Irrigation– “use of non-conventional water as a sustainable water source for irrigation”. 1.4 Integrating Traditional and Modern Irrigation Practices. 1.5 Optimizing Water Use Efficiency for Food Security. 1.6 Definition of potential & needs for irrigation expansion. 1.7 River Basin Organization (RBO) approach for water governance. 	<p>SUB-THEME 2 (ST-2): TECHNOLOGY AND MODERNIZATION IN THE AGRICULTURAL SECTOR TOWARDS FOOD SECURITY</p> <p>Sub-Theme 2 Topics:</p> <ol style="list-style-type: none"> 2.1 The Role of Precision Agriculture in Enhancing Crop Yields and Resource Efficiency. 2.2 Smart Irrigation System for Sustainable Water Management. 2.3 Digitalization in modern agriculture for Sustainable Water Management (use of ArcGIS, Drone Technology & AI etc.). 2.4 Desalination as a Sustainable Water Source for Irrigation. 2.5 Digital Farming Solutions for Improved Agricultural Productivity. 2.6 Solar-Powered Irrigation Systems: Opportunities and Challenges.
<p>SUB-THEME 3 (ST -3): INNOVATION POLICY, SERVICE DELIVERY, AND FINANCING MECHANISMS TO MEET THE CHALLENGES OF THE FUTURE</p> <p>Sub-Theme 3 Topics:</p> <ol style="list-style-type: none"> 3.1 Public-Private Partnerships (PPPs) in Agricultural Water Management 3.2 Innovative Financing Solutions for Irrigation. 3.3 River basin approach as backbone for strengthening governance institutional capacity. 3.4 Enhancing water resource management by strengthening governance, institutional capacity, and leveraging technology & innovation to improve service delivery. 3.5 O&M issues and management of irrigation structures. 3.6 Water Governance & reforming institutions for water service deliveries. 3.7 Gender equality and Social Inclusion (GESI) for sustainable irrigation management and ensuring food security in the future. 	<p>SUB-THEME 4 (ST-4): NATURE - BASED SOLUTIONS IN AGRICULTURE TO FOSTER ECOLOGICAL RESILIENCE</p> <p>Sub-Theme 4 Topics:</p> <ol style="list-style-type: none"> 4.1 Utilizing Natural Wetlands for Sustainable Water Management in Agriculture. 4.2 Agroforestry Practices for Improved Water Retention and Soil Health from Source to Sea. 4.3 Constructed Wetlands for Treating Agricultural Runoff and Reusing Water. 4.4 Promoting Biodiversity Conservation in Irrigated Agricultural Landscapes. 4.5 Integrating Nature -Based Solutions in Climate Resilient Agricultural Strategies. 4.6 Incorporation of Shallow Ground Water in nature-based solution.

76TH INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING

The International Executive Council (IEC), the highest decision-making body of ICID, is vested with the management of the affairs of ICID. IEC meets every year to transact business of administrative and technical in nature. All technical workbodies of ICID meet prior to the Council meeting, and these meetings are termed as Pre-Council meetings.

Annual IEC meetings are always preceded by the annual meeting of various technical working groups/task teams and meetings of various workbodies such as PCSO, PCTA, PFC etc.

IEC related meetings are also preceded by ICID triennial Congresses, newly conceptualized World Irrigation Forums, and Regional Conferences in a three-year cycle. This dual-purpose approach, while on one side helps ICID meets its objectives, also provides an opportunity to address specific global technical issues, regional issues and provides a platform to interact with its stakeholders and have a better outreach to disseminate its messages and achieve its mission and goals.

ICID Working Groups

OBC	Office Bearer Committee
PCSO	Permanent Committee on Strategy and Organization
AFRWG	African Regional Working Group
AMRWG	American Regional Working Group
ASRWG	Asian Regional Working Group
C-EVENTS	Committee on Events
ERWG	European Regional Working Group
IYPeF	ICID Young Professionals eForum
PCTA	Permanent Committee for Technical Activities
AC-IRPID	Advisory Committee on International Research Program for Irrigation and Drainage
EB-JOUR	ICID Journal Editorial Board
TF-MTD	Task Force for Updating and Maintenance of Multilingual Technical Dictionary
TF-WWF11	Task Force to Guide ICID Inputs to 11th World Water Forum
WG-CDTE	Working Group on Capacity Development, Training and Education
WG-CLIMATE	Working Group on Water Resources Management Under Changing Climate
WG-HIST	Working Group on History of Irrigation, Drainage and Flood Control
WG-I&OMVE	Working Group Institutional and Organizational Aspects of Modernization of Irrigation Development and Management supported by Value Engineering
WG-IDSSST	Working Group on Irrigation and Drainage in the States Under Socio-Economic Transformation
WG-IWM&D	Working Group on Irrigation Water Management & Development
SC	Staff Committee
SE	Side Event
TF-MTD	Task Force for Updating and Maintenance of Multilingual Technical Dictionary
TF-T&FS	Task Force on Long Term Financial & Technical Sustainability of ICID
TF-WWF	Task Force to Guide ICID Inputs to 11th World Water Forum
TF-WEWM	Task Force on Women Empowerment in Water Management
WG-CDTE	Working Group on Capacity Development, Training and Education
WG-CLIMATE	Working Group on Global Climate Change & Agricultural Water Management
WG-HIST	Working Group on History of Irrigation, Drainage and Flood Control

WG-I&OMVE	Working Group Institutional and Organizational Aspects of Modernization of Irrigation Development and Management supported by Value Engineering
WG-IDSST	Working Group on Irrigation and Drainage in the States Under Socio-Economic Transformation
WG-IWM&D	Working Group on Irrigation Water Management & Development
WG-LDRG	Working Group on Land Drainage
WG-NWREP	Working Group on Non-Conventional Resources and Environment Protection
WG-WHMWS	Working Group on Water Harvesting for Managing Water Scarcity
WG-SCER	Working Group on Sustainable Regeneration of Coastal Environment
WG-WEF-N	Working Group on Water Energy Food Nexus
TF-WEWM	Task Force on Women Empowerment in Water Management
PFC	Permanent Finance Committee
HLAG	High-Level Advisory Group
ITAC-WIF4	International Technical Advisory Committee of the 4th World Irrigation Forum
TF-T&FS	Task Force on Long Term Financial & Technical Sustainability of ICID
TF-GPP	Task Force to Guide the Partnership Process

PROGRAMME AT GLANCE

Sunday 7 th Sept 2025	Monday 8 th Sept 2025	Tuesday 9 th Sept 2025	Wednesday 10 th Sept 2025	Thursday 11 th Sept 2025	Friday 12 th Sept 2025	Saturday 13 th Sept 2025
07:30 – 09:00		Women in Breakfast				
08:30 – 18:00	Registration & Intl. Exhibition Accompanying Persons Tour D1	Registration Accompanying Persons Tour D2 Technical Tour D1 (Forum)	Registration Accompanying Persons Tour D3 Technical Tour D2 (Forum)	Registration Technical Tour D3 (Forum)	Registration	Registration
09:00 – 10:45	International Wshop of WG-SCER International Wshop of TF-WEWM	Plenary Session IV: Sub-theme 3 SS ACEC	IEC Plenary Meeting	WG1: WG-CLIMATE 1 WG2: AFRWG WG3: ASRWG 1 WG4: AMRWG WG5: ERWG WG6: SCER WG7: WG-SCER 1 WG8: PFC 1 WG9: PFC 1 WG10: WG-WHMS YP Training	PCTA Meeting	IEC Council Meeting
10:45 – 11:15	Break			Break		
11:15 – 13:00	International Wshop of WG-SCER International Wshop of WG-WEWM	Plenary Session V: Sub-theme 4 SS ACEC	3rd Parallel Session Sub-theme 1 (1.6) 3rd Parallel Session Sub-theme 1 (1.7) 3rd Parallel Session Sub-theme 1 (1.8) 3rd Parallel Session Sub-theme 2 (2.3) SE9 - JNCID / JICA / FAO SE10 - IGS SE 11 - SACID, IWMI & FAO SE 12 WG8: MT-JOUR (ICID ROOM)	WG1: WG-CLIMATE 2 WG3: ASRWG 2 WG11: TF-WMF11 WG12: WG-HIST WG13: WG-SCER 2 WG14: WG-SCER 2 WG15: WG-SCER 2 YP Training & WG12: IYPEF	PCTA Meeting	Lunch Break
13:00 – 14:00	Lunch Break	Exhibition & Lunch Break	Exhibition & Lunch Break	Lunch Break		
14:00 – 15:30	International Wshop of WG-WEF-N & International Wshop of WG-CLIMATE	1st Parallel Session for Sub-theme 1 (1.1) 1st Parallel Session Sub-theme 1 (1.2) 1st Parallel Session Sub-theme 2 (2.1) 1st Parallel Session Sub-theme 2 (2.2) SE1 - ALRO / SE2 - FAO SE3 - INWEPF / JNCID SE4 - IWMI (INDIA) Panel Discussion - TF-WEWM	4th Parallel Session Sub-theme 1 (1.9) 4th Parallel Session Sub-theme 2 (2.4) 4th Parallel Session Sub-theme 2 (2.5) 4th Parallel Session Sub-theme 1 (1.10) SE14 SE15 - CNCD, MANCID & JNCID SE16 SE17 - FAO	WG14: WG-SCER 1 WG16: WG-SCER 1 WG17: EB-JOUR WG18: WG-WFEN 1 WG19: WG-WNREP 1 WG21: PCSO WG22: WG-CDTE 1 WG23: WG-WMND YP Training	PCTA Meeting	IEC Council Meeting
15:30 – 16:00	Break	Exhibition	Exhibition	Break		
16:00 – 17:30	International Wshop of WG-SCER & International Wshop of WG-CLIMATE MB1 (ICID room)	2nd Parallel Session Sub-theme 1 (1.3) 2nd Parallel Session Sub-theme 1 (1.4) 2nd Parallel Session Sub-theme 1 (1.5) 2nd Parallel Session Sub-theme 2 (2.2) SE5 - JNCID / TF-WEWM / ICID SE6 - FAO / WASAG SE7 - MSSRF / NRI / OIAT / AAU / NIBIO SE8 - ICARDIA	Plenary Session VI: Integrating Session on Main Theme and Four Sub-Themes Wrap up for WIF4 Closing Ceremony	WG14: WG-SCER 2 WG23: TF-MTD (ICID ROOM) WG16: WG-SCER 2 WG24: AC-RPID WG18: WG-WFEN 2 WG19: WG-WNREP 2 WG21: PCSO WG22: WG-CDTE 1 WG23: TF-WEWM YP Training	PCTA Meeting	IEC Council Meeting
17:30 – 18:30	SC (ICID room)	ITAC for 28 th Congress	NC Meeting with OBC	Brain Storming session with NCs on new Working Groups		
18:30 – 19:00	Break	Break	Break			
19:00 – 21:00	Welcoming Dinner				Welcome Reception (CNCD)	

OVERVIEW SPECIAL EVENTS

Date	Events	Time	Room
Sunday 7 th Sept 2025	International Workshop of WG-SCER	09:00-13:00	Redang (Level 3)
	International Workshop of TF-WEWM	09:00-13:00	Kuala Lumpur (Level 5)
	International Workshop of WG-WEF-N	14:00-17:30	Redang (Level 3)
	International Workshop of WG-CLIMATE	14:00-17:30	Kuala Lumpur (Level 5)
	MB1	16:00 - 17:30	Sarawak (Level 3)
	SC Meeting	17:30–18:30	Teratai Suite (Level 2)
Monday 8 th Sept 2025	Plenary Session I – Main Theme Is irrigation a sunset Industry?	11:15-13:00	Merdeka Hall (Level 4)
	Plenary Session II – Sub-Theme 1 Challenges of Irrigation and Drainage for Food Security in the Changing World	14:00-15:30	Merdeka Hall (Level 4)
	HLAG meeting	14:00-17:30	Tun Dr Ismail (A) (Level 2)
	Plenary Session III – Sub-Theme 2 Technology and Modernization in the Agricultural Sector towards Food Security	16:00-17:30	Merdeka Hall (Level 4)
	OBC Meeting	17:30–18:30	Sarawak (Level 3)
	Welcoming Dinner	19:00-21:00	Tun Hussein Onn (Level 2)
Tuesday 9 th Sept 2025	Women in Breakfast	07:30-09:00	Tun Dr Ismail (A) (Level 2)
	Plenary Session IV – Sub-Theme 3 Innovative Policy, Service Delivery, and Financing Mechanisms to Meet the Challenges of the Future	09:00-10:45	Tun Hussein Onn (Level 2)
	Asia China Education and Culture (ACEC) Association– Special Session on Industry – Academia - Research Subsidiary Forum	09:00-13:00	Tun Dr Ismail (B) (Level 2)
	Plenary Session V – Sub-Theme 4 Nature-Based Solutions in Agriculture to Foster Ecological Resilience	11:15-13:00	Tun Hussein Onn (Level 2)
	Technical Session 1.1	14:00-15:30	Tun Hussein Onn (Level 2)
	Technical Session 1.2	14:00-15:30	Tun Dr Ismail (A) (Level 2)
	Technical Session 2.1	14:00-15:30	Tun Dr Ismail (B) (Level 2)
	Technical Session 4.1	14:00-15:30	Redang (Level 3)

Date	Events	Time	Room
	Side Event 1 ALRC (Japan) / ICARDIA / AERI	14:00- 15:30	Pulau Pinang (Level 2)
	Side Event 2 FAO	14:00- 15:30	Perak (Level 2)
	Side Event 3 INWEPF / JNCID	14:00- 15:30	Perlis (Level 2)
	Side Event 4 IWMI (INDIA)	14:00- 15:30	Pahang (Level 2)
	Panel Discussion – TF-WEWM	14:00- 15:30	Negeri Sembilan (Level 2)
	Technical Session 1.3	16:00- 17:30	Tun Hussein Onn (Level 2)
	Technical Session 1.4	16:00- 17:30	Tun Dr Ismail (A) (Level 2)
	Technical Session 1.5	16:00- 17:30	Tun Dr Ismail (B) (Level 2)
	Technical Session 2.2	16:00- 17:30	Redang (Level 3)
	Side Event 5 JNCID/TF-WEWM/ICID	16:00- 17:30	Pulau Pinang (Level 2)
	Side Event 6 FAO / WASAG	16:00- 17:30	Perak (Level 2)
	Side Event 7 MSSRF / NRI / OUAT / AAU / NIBIO	16:00- 17:30	Perlis (Level 2)
	Side Event 8 ICARDIA	16:00- 17:30	Pahang (Level 2)
	ITAC for 26th Congress	16:00- 17:30	Teratai Suite(ICID Room) (Level 2)
Wednesday 10 th Sept 2025	IEC Plenary Meeting	09:00 -10:45	Tun Dr Ismail (Level 2)
	Technical Session 1.6	11:15 -13:00	Kuala Lumpur (Level 5)
	Technical Session 1.7	11:15 -13:00	Tun Dr Ismail (Level 2)
	Technical Session 1.8	11:15 -13:00	Sarawak (Level 3)
	Technical Session 2.3	11:15 -13:00	Redang (Level 3)
	Side Event 9 JNCID / JICA / FAO	11:15 -13:00	Pulau Pinang (Level 2)
	Side Event 10 IGS	11:15 -13:00	Perak (Level 2)
	Side Event 11 SACID, IWMI & FAO	11:15 -13:00	Perlis (Level 2)
	Side Event 12 FAO	11:15 -13:00	Pahang (Level 2)

Date	Events	Time	Room
	Working Group 8 MT-JOUR	11:15 -13:00	Teratai Suite (ICID Room)
	Technical Session 1.9	14:00 -15:30	Kuala Lumpur (Level 5)
	Technical Session 1.10	14:00 -15:30	Redang (Level 3)
	Technical Session 2.4	14:00 -15:30	Tun Dr Ismail (Level 2)
	Technical Session 2.5	14:00 -15:30	Sarawak (Level 3)
	Side Event 13 ASRWG	14:00 -15:30	Pulau Pinang (Level 2)
	Side Event 14 KCID	14:00 -15:30	Perak (Level 2)
	Side Event 15 CNCID, MANCID & JNCID	14:00 -15:30	Perlis (Level 2)
	Side Event 16 High Level Round Table Meet	14:00 -15:30	Pahang (Level 2)
	Side Event 17 FAO	14:00 -15:30	Negeri Sembilan (Level 2)
	Plenary Session VI – Integrating Session on Main Theme & Four Sub- Themes	16:00- 17:30	Tun Dr Ismail (Level 2)
	Wrap up for WIF4	16:00- 17:30	Tun Dr Ismail (Level 2)
	Closing Ceremony	16:00- 17:30	Tun Dr Ismail (Level 2)
	NC Meeting with OBC	17:30 -18:30	Kuala Lumpur (Level 5)
Thursday 11 th Sept 2025	Working Group WGSession	09:00- 17:30	Refer page Committee Meeting Schedule
Friday 12 th Sept 2025	PCTA Meeting	09:00 -17:30	Sunway Putra Hotel
	Welcome Reception (CNCID)	19:00 -21:00	Mawar Hall (Level 2)
Saturday 13 th Sept 2025	IEC Council Meeting	09:00 -17:30	Sunway Putra Hotel

INTERNATIONAL WORKSHOP

INTERNATIONAL WORKSHOP ON Sustainable Regeneration of Coastal Environment(WG-SCER)
Venue: Redang Room 09:00-13:00 7th Sept 2025, Sunday
INTERNATIONAL WORKSHOP OF TASK FORCE ON WOMEN EMPOWERMENT IN WATERMANAGEMENT (TF-WEWM)
Venue: Kuala Lumpur Room 09:00-13:00 7th Sept 2025, Sunday
INTERNATIONAL WORKSHOP OF WATER ENERGY FOOD NEXUS (WG-WEF-N)
Venue: Redang Room 14:00-17:30 7th Sept 2025, Sunday
INTERNATIONAL WORKSHOP ON GLOBAL CLIMATE CHANGE & AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)
Venue: Kuala Lumpur Room 14:00-17:30 7th Sept 2025, Sunday

PLENARY SESSION I: MAIN THEME

Theme: Is irrigation a sunset Industry?

Room: Merdeka Hall	Monday (8th September 2025)	Time: 11:15 – 13:00
Session Chair	Prof Badronnisa binti Yusof	
Rapporteurs	Gs. Ts. Mohammad Hakim bin Dato' Hasnul	
	Mr. Paawan Kumar Reddy Gollapalli	
Keynote Speaker Datuk Seri Isham bin Ishak <i>Secretary General of the Ministry of Agriculture and Food Security of Malaysia</i>		
Keynote Speaker Dr. Marco Arcieri, President, ICID Title: Nature based solution: Application in rural and urban areas		
Keynote Speaker Eng. Mohammad Z. Abuhaid <i>Chief Executive Officer of Saudi Irrigation Organization</i>		
Keynote Speaker Dr Mark Smith, DG, <i>IWMI</i> Title: Beyond the sunset: re-emerging the future of Irrigation with youth at the Helm		
Keynote Speaker Prof. Bart Schultz, President Honoraire, ICID Title: The increasing role of irrigation and drainage in sustainable food production		
Keynote Speaker Prof. Chandra A. Madramootoo, President Honoraire, ICID Title: Advancing remote sensing in irrigation decision making		
Keynote Speaker Prof. Wim Bastiaanassen, The Netherlands Title: Every drop counts, and AI makes it happen		

PLENARY SESSION II:
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World

Room: Merdeka Hall	Monday (8th September 2025)	Time: 14:00 – 15:30
Session Chair	Prof. Dr. Chandra Madramootoo, President Honoraire, ICID	
Session Co-Chair	Dato' Ir. Mohd Azmi Bin Ismail, Vice President, ICID	
Session Incharge	Ir Ts Hayati Binti Zainal	
Rapporteurs	Dr. Siti Aimi Nadia binti Mohd Yusoff	
	Mr. Harsh Shah	
Keynote Speaker Mr. Mukesh Puri, MD, SSNNL, Govt. of Gujarat, India Title: Post commissioning phase of Irrigation Projects: Concerns for policy makers		
Best Paper 1: Are Irrigation and Drainage Schemes Sunset Industries? Dr Vlotman Willem, Australia		
Best Paper 2: Inversion of cotton growth indexes at drip irrigation subunit scale based on UAV multi-spectral remote sensing Prof Wang Zhen et al, China		
Best Paper 3: Development and Application of Sustainable Resources Management Platform using Water-Energy-Food Nexus in South Korea Prof Choi Jin-Yong, South Korea		

PLENARY SESSION III:
Sub-Theme 2: Technology and Modernization in the Agricultural Sector towards Food Security

Room: Merdeka Hall	Monday (8th September 2025)	Time: 16:00 – 17:30
Session Chair	Prof. Dr. Bart Schultz, President Honoraire, ICID	
Session Co-Chair	Prof. Dr. Sylvester Mpandeli, Vice President, ICID	
Session Incharge	Ir. Shah Izzni Talif binAdnan	
Rapporteurs	Muhamad Hanif bin Ab. Llah Zawawi	
	Ms. Jgyasha Rai Yangkhurung	
Keynote Speaker		
Dr. Vinay Nangia, Principal Agricultural Hydrologist ICARDA		
Title: Innovation for dryland: Turning water scarcity in to opportunity		
Background Paper		
Mr. Salman Maher, UN-FAO		
Best Paper 1: Integrating technologies to modernize irrigation service and ensure food security: The case of the Philippine National Irrigation Systems		
Dr Delos Reyes Mona Liza, Philippines		
Best Paper 2: An Integrated Geospatial Approach and the Factors For Delineating Irrigation Suitability Areas		
Dr Nhamo Luxon et al, South Africa		
Best Paper 3: Re-galvanizing Water and Crop Management using Remote Sensing Based Techniques		
Dr Shah Harsh et al, India		

PLENARY SESSION IV:
Sub-Theme-3: Innovative Policy, Service Delivery,
and Financing Mechanisms to Meet the Challenges of the Future

Room: Tun Hussein Onn	Tuesday (9 th September 2025)	Time: 09:00 – 10:45
Session Chair	Dato' Ir. Hj. Nor Hisham Bin Mohd Ghazali, President Honoraire, ICID	
Session Co-Chair	Dr. Bakhrom Gaforzoda, Vice President, ICID	
Session Incharge	Pn. Ceara Cecily Clarence J	
Rapporteurs	Ir. Mohd Fakhruinizam Bin Mohd Tahir	
	Ms. Suchana Acharya	
Keynote Speaker		
Dato' Ir. (Dr.) Hj. Keizrul Abdullah, President Honoraire., ICID		
Title: The Challenges of Irrigated Agriculture to Achieve Food Security		
Background Paper:		
Mr. IJsbrand H. de Jong, Lead Water Resources Specialist, World Bank		
Best Paper 1: Public-Private Partnerships in Smallholder Irrigation Development and Management in Ethiopia: A Needs Assessment		
Dr Idil Ires et al, South Africa		
Best Paper 2: Lessons learned: Implementation of irrigation service agreement 2021-2024 at Kedungputri Irrigation Area, Indonesia		
Dr Ariyanti Vicky et al, Indonesia		
Best Paper 3: Mechanism of Tariff Establishment for Irrigation Water Supply Services in Ukraine		
Dr Romashchenko Mikhailo & Dr Panteleiev Volodymyr, Ukraine		

PLENARY SESSION V:
Sub-Theme-4: Nature-Based Solutions in
Agriculture to Foster Ecological Resilience

Room: Tun Hussein Onn	Tuesday (9 th September 2025)	Time: 11:15 – 13:00
Session Chair	Dr. Gao Zhanyi, President Honoraire, ICID	
Session Co-Chair	Mr. Bruno Grawitz, Vice President, ICID	
Session Incharge	Ir. Gs. Mazura Nor Bin Zulkifli	
Rapporteurs	Noor Fatin Zulaikha binti Halijan	
	Mr. Khaldoun Aabbas Ibrahim	
Keynote Speaker		
Prof Tafadzwa Mabhaudhi, The London School of Hygiene and Tropical Medicine, UK Title: Transforming Agricultural Water Management for Healthy People and Planet		
Background Paper:		
Mr. Xueliang Cai, Senior Water Resources Specialist, Asian Development Bank		
Best Paper 1: Development Of Wetland System for Irrigation Water Supply and Relating Water Quality, A Case Study of Constructed Wetlands Dr Lee Tsu-chuan, Chinese Taipei		
Best Paper 2: Evaluation of Nature-Based Solution to Climate Change Impact On Watershed Hydrology Ms Mok Yi Wen et al, Malaysia		
Best Paper 3: Nature-based and Grey Infrastructure Synergies: Insights from the Svay Chek River River Restoration and Management Project Feasibility Study Mr Hong Sothea, France		

PLENARY SESSION VI:
Sub-Theme-3: Integrating Session on Main Theme
& Four Sub-themes & Closing Ceremony

Tun Dr. Ismail Hall, Level 2
4:00 PM – 5:30 PM

Time	Tentative
4:00 – 4:05 PM	Address by the Chair Dr. Marco Arcieri, President, ICID
4:05 – 4:15 PM	Presentation of Outcomes of Sub-theme-1 by Vice Presidents Dr. Vadim Sokolov and Dato' Ir Mohd Azmi Bin Ismail
4:15 – 4:25 PM	Presentation of Outcome of Sub-theme-2 by Vice Presidents Prof Dr. Sylvester Mpandeli and Dr. Watchara Suiadee
4:25 – 4:35 PM	Presentation Of Outcome of Sub-theme-3 by Vice President Dr. Bakhrom Gaforzoda
4:35 – 4:45 PM	Presentation of Outcome of Sub-theme-4 by Vice Presidents Mr. Bruno Grawitz and Dr. Fuqiang Tian
4:45 – 5:00 PM	Presentation of the 4th World Irrigation Forum Statement by President (Honoraire) Prof. Dr. Bart Schultz
5:00 – 5:15 PM	Welcoming Speech for the 25th ICID Congress & 77th International Executive, Council (IEC) by EAT, France
5:15 – 5:18 PM	Montage
5:18 – 5:28 PM	Closing Remarks by Ir. Yuslina Binti Hj. Mohd Sani, Chairperson, Malaysian National Committee on Irrigation and Drainage (MANCID)
5:28 – 5:33 PM	Vote of Thanks by Dr. R.K. Gupta, Secretary General, ICID

TECHNICAL SESSION

Parallel Session 1.1		Tuesday (9 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Hussein Onn			
Session Chair	Dr. Vadim Sokolov, Vice President, ICID		
Session Co-Chair	Dr. Taku Mori		
Session Incharge	Prof Badronnisa binti Yusof		
Rapporteurs	En.Mohd Hafiz Bin Mik Mat@Nik Mat Din		
	Ms. Sarah Raed Mohammed		
			Country
Method for the function monitoring of coastal underground irrigation dams Dr Shirahata Katsushi et al,			Japan
Assessing the Impact of Climate Change on Rainfall Patterns in Thailand Dr Kaprom Chanphit et al			Thailand
Precision Irrigation Solutions for Drought Management in Central and Eastern Europe Prof Nagy Attila et al,			Hungary
Impact of changing land use and climate on agricultural irrigation requirement in the Subarnarekha basin, India using the SWAT mode Prof. Ajai Singh et al,			India
Evaluating the effects of Biochar Application on Soil and Sorghum Growth under Wastewater Irrigation Yi-Tai Liao et al,			Chinese Taipei

Technical Session 1.2		Tuesday (9 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Dr Ismail (A)			
Session Chair	Mr. Peter S. Lee, President Honoraire, ICID		
Session Co-Chair	Ms. Celine Papin, France		
Session Incharge	Ir Ts Hayati Binti Zainal		
Rapporteurs	Mohd Edni Amir bin Ahmad		
	Mr. Abdelhamid CHAREF		
			Country
Institutional reform of irrigation and drainage in Ukraine - the basis of industry's effective and sustainable development Dr Vsevolod Bohaienko et al, Prof Mykhailo Romashchenko			Ukraine
Towards Sustainable Groundwater Use for Irrigated Rice Cultivation with Proposed MAR Approaches in Bang Rakam Lowland Area, Thailand and Radhi Gewog Mountainous Area, Bhutan Mr Kumar Ghalley Ramesh et al, Dr Soonthornnonda Puripus)			Thailand
Diversification Options for Rice-Wheat Cropping System to Save Water and to Provide Resilience for Climate Change in North-West India Dr Singh Gurbachan,			India
Women's Irrigation in The Sahel: Diagnosing Fragile Systems and Pathways for Consolidation Prof Keita Amadou et al,			Burkina Faso
Integrated water management and adoption of Micro Irrigation in Irrigation canal commands Mr Deepak Kapoor & Mr Hanmant V. Gunale,			India

Technical Session 2.1		Tuesday (9 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 2: Technology and Modernization in the Agricultural Sector Towards Food Security			
Room: Tun Dr Ismail (B)			
Session Chair	Prof. Wim Bastiaanssen, IrriWatch Product Ambassador		
Session Co-Chair	Prof. Vishnu Pandey, Vice President, NENCID		
Session Incharge	Ir. Shah Izzni Talif bin Adnan		
Rapporteurs	Mohd Hafiz Fahmi bin Ahmad Shukri		
	Dr. Guoshuai Wang		
			Country
The Gap Between The Plan of Integrated Water Management by Digital Water And The Reality of On-Site Water Management.			South Korea
Prof Yoon Kwangsik			
Enhancing Unmanned Aerial Vehicle Technology in Water Resource Development and Sustainable Irrigation Management.			Thailand
Ms Kamonrat Peerapon et al.			
Modernizing Distributary Canal Operations in Water Deficit Environments using Satellite Remote Sensing and Mathematical Modeling.			Australia
Dr Prathapar Sanmugam			
Irrigation Canal Design: The Critical Importance of Dynamics In the Design Process.			Australia
Mr Anthony Oakes et al.			
Resource to Root: The Efficient Way of Agriculture Water Management.			India
Somnath Jadhav			

Technical Session 4.1		Tuesday (9 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 4: Nature-Based Solutions in Agriculture to Foster Ecological Resilience			
Room: Redang			
Session Chair	Dr. Saeed Nairizi, President Honoraire, ICID		
Session Co-Chair	Dr Bezzel Chitsungo, Zimbabwe		
Session Incharge	Ph. Ceara Cecily Clarence J		
Rapporteurs	Nuha'afifah binti Sharifuddin		
	Dr. Kaijing Yang		
			Country
The Contribution Factors of Karezes in Beautiful and Harmonious Countryside			China
Dr Zhao Pengbo et al			
Climate Risk and Vulnerability Assessment in Irrigated Areas: A Case Study of Flooding in the Yom-Nan Operation and Maintenance Project, Thailand			Thailand
Dr Suttinon Pongsak & Dr Chidchob Pronmongkol,			
Spatio-Temporal Variability in Inflow and Infiltration into Sewer Networks under Different Soils			New Zealand
Dr K.C.Birendra, Prof Bart Schultz			
Improvement regime parameterization of river catchment ecosystems			Russia
Dr Bondarik Irina et al,			
Nature-Based Solutions for Drought Risk Reduction in Bihar			India
Dr Vivek Kumar Singh & Mr Kumar Naveen			
Nature based solution for small-scale irrigation from historical water sources in desert areas: The example of Saudi Arabia Oasis			Saudi Arabia
Prof Lebdi Fethi et al			

Technical Session 1.3		Tuesday (9 th September 2025)	Time: 16:00 – 17:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Hussein Onn			
Session Chair	Dato Ir. Keizrul bin Abdullah, President Honoraire, ICID		
Session Co-Chair	Dr. Watchara Suiadee, Vice President, ICID		
Session Incharge	Ir. Gs. Mazura Nor Bin Zulkifli		
Rapporteurs	Noor Aina Syahira binti Ahmad Mauwari		
	Ms. Matia Pompei		
			Country
Enhancing Irrigation Efficiency and Crop Production with Thermal Satellite Measurements			The Netherlands
Prof Bastiaanssen Wim et al, Dr. Jonna van Opstal			
Assessing the effectiveness of the Virtual Irrigation Academy Chameleon Soil Moisture Sensors in enhancing growth, yield response and water use efficiency in smallholder irrigation schemes in Zimbabwe			Zimbabwe
Ms Munyanyi Grace et al,			
Why Some Land Equipped for Irrigation is Not Irrigated: A Case of Southern Africa			South Africa
Dr Nhamo Luxon et al			
Improving irrigation decisions based on some physiological characteristics in rice			Thailand
Mr Wichaidist Bittawat et al,			
Design for a Siphon with a Float Valve for Labor Reduction of Paddy Field Water Management			Japan
Dr Iida Toshiaki			

Technical Session 1.4		Tuesday (9 th September 2025)	Time: 16:00 – 17:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Dr Ismail (A)			
Session Chair	Mr. Salman Maher, Senior Land & Water Officer, UN-FAO		
Session Co-Chair	Thubelihle A. Thebe, Zimbabwe		
Session Incharge	Ir Ts Hayati Binti Zainal		
Rapporteurs	Teow Xianhu		
	Mohammad Hassanli		
			Country
How much can Indonesia’s tidal lowlands contribute to achieving rice self-sufficiency?			The Netherlands
Mr Poul Grashoff et al,			
Irrigation in Northern Europe			Finland
Prof Luoma Tarmo			
Impacts of Climate Variability on Reference Evapotranspiration in Thailand			Thailand
Dr Chaowiwat Winai et al, Dr Ruangrassamee Piyatida			
Experiences of Uzbekistan with Integrated Agri-Food Climate Adaptation Framework			Uzbekistan
Mr Sokolov Vadim			
Effects of Slope and Crop Type on Nutrient Discharge From Upland Area: A Meta-Analysis of Korean Field Studies			South Korea
Prof Hong Eunmi et al			

Technical Session 1.5		Tuesday (9 th September 2025)	Time: 16:00 – 17:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Dr Ismail (B)			
Session Chair	Mr. Vivek Kapadia, Former Secretary, Govt. Of Gujarat, India		
Session Co-Chair	Mr. Sanjeeb Baral, Executive Director, WRRDC, Nepal		
Session Incharge	Ir. Shah Izzni Talif bin Adnan		
Rapporteurs	Nurul Natasha Nabila Binti Naim		
	Aaron Oon Chye Len		
			Country
Sustainability of drip irrigation on rice: preliminary study in the Veneto plain (Italy)			Italy
Mr Salmaso Francesco & Prof Bortolini Lucia			
Application of REGCM Model for Estimation of Evapotranspiration across Iran			Iran
Mr Ghahreman Nozar et al			
Irrigation Efficiency and Food Security Challenges in a Changing Climate: A Case Study of IADA Seberang Perak			Malaysia
Mr Shaharuddin Syafiq et al			
Evaluating the Accuracy of Daily Satellite-Based Precipitation Estimates (SPE) for Runoff Estimation using the FLEX-TOPO-SD Model			Thailand
Prof Sriwongsitanon Nutchanat et al, Mr. Nattakorn Prasertthonggorn			
The Hydraulic Performance of a Subsurface Drip Irrigation System for Corn after Five Years of Operation in China			China
Mr Yan Mo et al.			

Technical Session 2.2		Tuesday (9 th September 2025)	Time: 16:00 – 17:30
Sub-Theme 2: Technology and Modernization in the Agricultural Sector towards Food Security			
Room: Redang			
Session Chair	Prof. Dr. Ragab Ragab, President Honoraire, ICID		
Session Co-Chair	Dr. Takanori Naganq, Japan		
Session Incharge	Ph. Ceara Cecily Clarence J		
Rapporteurs	Lian Chau Yuan		
	Nu'man bin Hilmy Mujahid		
			Country
Smart sensing architecture for water use estimation in surface irrigated rice crops in Australia's semi-arid climate			Australia
Dr Tarcete Gustavo et al,			
Adoption and challenges of modernization and use of technology in irrigation management			Turkey
Prof CETIN Öner			
RID Smart Water Management Platform for the Chao Phraya River Basin in Thailand			Thailand
Ms Bariboon Pisinee et al,			
The 2024 Flood Situation in Chao Phraya River Basin through Co-Run and Reservoir Operation Modeling			Thailand
Dr Rittima Areeya et al,			
An Irrigation scheduling tool optimizing the oasis irrigation operation Under treated wastewater quality constraints			Saudi Arabia
Prof Lebdi Fethi et al			
Harnessing Integrated Water Resources Management (IWRM) for Sustainable Irrigation and Water Security in Pakistan			Pakistan
Mr Halepoto Asghar Ali & Mr Zafar Hussainn			

Technical Session 1.6		Wednesday (10 th September 2025)	Time: 11:15 – 13:00
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Kuala Lumpur			
Session Chair	Prof. Dr. Tsugihiko Watanabe Vice President, Honoraire, ICID		
Session Co-Chair	Dr. (Mrs.) Irena G Bondarik, Vice President, Honoraire, ICID		
Session Incharge	Prof. Badronnisa Binti Yusuf		
Rapporteurs	Muhammad Azim bin Mohammad Nadzree		
	Ms. Sarah Raed Mohammed		
			Country
Water Bonds as a Factor of Innovative Renewal of Land Reclamation			Russia
Dr Bondarik Irina & Prof Medvedeva Ludmila,			
Economic benefit analysis of improved subsurface drainage			China
Dr Tao Yuan et al,			
Comparative Evaluation of Fishpond Wastewater with Borehole Water in Sweet Pepper Cultivation in a Controlled Environment			South Korea
Mr Salau Rahmon Abiodun et al,			
Leveraging Data to Transform the Water Sector: Key Insights			Australia
Mr Mani Manivasakan			
Intelligent Irrigation Decision Making for Rice Based On Reinforcement Learning			China
Mr Hua Keji & Prof Luo Yufeng			
Assessing Water Productivity in Agriculture: Insights from Irrigated and Rainfed Regions			Thailand
Dr Thepprasit Chaiyapong et al,			

Technical Session 1.7		Wednesday (10 th September 2025)	Time: 11:15 – 13:00
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Tun Dr Ismail			
Session Chair	Dr. Fuqiang Tian, Vice President, ICID		
Session Co-Chair	Prof Dr. (Ms.) Nuchanart Sriwongsitanon, Thailand		
Session Incharge	Ir. Gs. Mazura Nor Bin Zulkifli		
Rapporteurs	Mohd Edni Amir bin Ahmad		
	Mr. Abdelhamid CHAREF		
			Country
Predicting Flood Inundation in the Pattani River Basin using Deep Learning			Thailand
Dr Ekkawatpanit Chaiwat et al			
A novel framework for mapping karez using remote sensing data and deep learning methods – a case study of Turpan Basin, China			China
Mr Ilniyaz Osman et al,			
Evaluation of the technical performance of drip irrigation systems in Bubi District, Matabeleland North Province, Zimbabwe			Zimbabwe
Ms Musenenga Sylvia et al,			
The effects of combined organic and inorganic fertilizer application on the soil salinity, crop yield, and quality of drip-irrigated pear orchards in arid regions			China
Mr Hao Liu, Jun Wang			
Irrigation Decision Support Systems (IDSS): An Innovative Approach for Sustainable Water Management in Arid and Semi-Arid Regions			Iran
Dr Emami Somayeh,			

Technical Session 1.8		Wednesday (10 th September 2025)	Time: 11:15 – 13:00
Sub-Theme 1: Challenges of Irrigation and Drainage for FoodSecurity in the Changing World			
Room: Sarawak			
Session Chair	Ms. Eva Pek, Land and Water Officer, FAO		
Session Co-Chair	Dr Luxon Nhamo, Research Manager, WRC, South Africa		
Session Incharge	Ir. Shah Izzni Talif bin Adnan		
Rapporteurs	Mohd Hafiz Fahmi Bin Ahmad Shukri		
	Dr. Guoshuai Wang		
			Country
HEC-RAS Application for Hydraulic Behavior Simulation Downstream from Tha Thung Na Dam, THAILAND			Thailand
Ms Win Thida et al,			
Key Issues and Solutions in the Construction of National Irrigation District Monitoring System			China
Mr Song Peng et al,			
Rice cultivation identification and dynamics analysis in the mountain areas of the middle and lower reaches of the Lancang River Basin using long time series multi-source remote sensing data			China
Mr Han Songjun et al,			
Land Changes and Indigenous Irrigation Systems in Samut Songkhram Province, Thailand: Historical Drivers and Future Scenarios			Thailand
Dr Chompuchan Chuphan & Dr Kongsuwan Dujluedee,			
Characteristics of soil water-groundwater transformation in paddy field and its response to drying-wetting cycles			China
Dr Qi Wei. et al			

Technical Session 2.3		Wednesday (10 th September 2025)	Time: 11:15 – 13:00
Sub-Theme 2: Technology and Modernization in the Agricultural Sector towards Food Security			
Room: Redang			
Session Chair	Prof. Dato' Dr. Nor Azazi Bin Zakaria, Malaysia		
Session Co-Chair	Dr. Delos Reyes Mona Liza, Researcher at University of Philippines		
Session Incharge	Pn. Ceara Cecily Clarence J		
Rapporteurs	Nuha'afifah binti Sharifuddin		
	Dr. Kaijing Yang		
			Country
Using DraiMod Model for Developing Operation of Water Management in Tidal Lowland Agriculture Areas of South Sumatera, Indonesia			Indonesia
Mr Imanudin Momon Sodik et al,			
Assessment and Comparison of Cropping Patterns under Public and Civil Canal Irrigation Systems in Peshawar using GIS And Remote Sensing			Pakistan
Dr Nawaz Rab and Dr Khan Muhammad Jamal			
Innovative Solutions for Water Hyacinth Management: The Semi-Automatic Harvester			Thailand
Mr Lamchuan Phakawat et al,			
Benefits of Mobile Drip Irrigation System in Terms of Water Security in Sugar Beet Production			Turkey
Prof Yildirim Yusuf Ersoy, et al,			
Advancing smallholder farmers through irrigation management tools for improved water management and food security in Gauteng province, South Africa			South Africa
Ms Mothapo Manoshi et al,			
Innovative Technologies and Approaches for Monitoring the Treated Wastewater Quality for Irrigation Purposes: Standards and Regulations			Saudi Arabia
Mr Alablan Abdulrahman S. et al.			

Technical Session 1.9		Wednesday (10 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Kuala Lumpur			
Session Chair	Dr. Willem F. Vlotman Vice President Honoraire, ICID		
Session Co-Chair	Dr Chaiwat Prechawit, Vice President Honoraire, ICID		
Session Incharge	Prof. Badronnisa Binti Yusof		
Rapporteurs	Noor Aina Syahira binti Ahmad Mauwari		
	Ms. Matia Pompei		
			Country
A Perspective on the Dynamics and Progress of the Irrigation Industry (Case Study: Irrigation and Drainage Networks of Khuzestan Province in Iran)			Iran
Dr Minaei Sohrab, et al,			
The Trans Basin Diversion to Increase Usable Water Storage of Mae Kuang Udomthara Reservoir, Chiang Mai, THAILAND			Thailand
Mr Maneepai Satit & Mr Chittrakorn Teerachit			
Reclamation of lands degraded by hydrogen			Russia
Dr Bondarik Irina et al			
Sustainable Food Security Through Holistic Approach Towards Irrigation, Drainage and Agricultural Strategies			India
Er Vivek Kapadia			
Climate-smart DSS for Analysing Water Productivity under Climate Change			Malaysia
Dr MD Kamal Rowshon & Dr Houma Abduslam			

Technical Session 1.10		Wednesday (10 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 1: Challenges of Irrigation and Drainage for Food Security in the Changing World			
Room: Redang			
Session Chair	Dato Ir. Rozman Mohamad, Malaysia		
Session Co-Chair	Dr. Momon Sodik Imanudin, Indonesia		
Session Incharge	Pn. Ceara Cecily Clarence J		
Rapporteurs	Lian Chau Yuan		
	Nu'man bin Hilmy Mujahid		
			Country
Study on response mechanism and comprehensive efficiency of water-graincarbon-living system in irrigation area			China
Mr Wei Liu et al,			
Comparison of NASA Power Rainfall, Tropical Rainfall Measuring Mission (TRMM) and the Integrated Multi-Satellite Retrievals for Global Precipitation Measurement (GPM-IMERG) Version 07 in the Upper Mae Klong River Basin, Thailand			Thailand
Ms Ei Htun Thinn Ei et al,			
The Saudi code of irrigation practices: the main outputs and perspectives			Saudi Arabia
Prof Lebdi Fethi et al,			
Decision Support System for Developing Sustainable and Climate Resilient Irrigation Landscapes			India
Mr Alam Mohammad Faiz et al Dr Alok Sikka			
Multiple Use of Water Through Multi Enterprise Agriculture for Livelihood and Environment Security of Small Land Holder Farmers			India
Dr Gurbachan Singh			
Investigating the Dimensions of Sustainable Development in the Traditional Orchard of Qazvin City, Iran			Iran
Ms Shima Kabiri			

Technical Session 2.4		Wednesday (10 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 2: Technology and Modernization in the Agricultural Sector towards Food Security			
Room: Tun Dr Ismail			
Session Chair	Prof. Wenyong Wu, Secretary General, CNCID		
Session Co-Chair	Prof. Dr. Han Songjun, IWHR, China		
Session Incharge	Ir. Gs. Mazura Nor Bin Zulkifli		
Rapporteurs	Teow Xianhu		
	Mohammad Hassanli		
			Country
Farmers' Perspectives on the Adoption of Micro-Irrigation in Canal Command Areas for Sustainable Water Management			India
Mr Chourasia Sandeep Kumar & Prof Pandey Ashish			
Innovative Use of Geosynthetics Cementitious Composite Mat, GCCM Lining Material for Remote Agriculture Irrigation Canals			Malaysia
Mr Chong Lim et al,			
Utilizing NDVI and NDII Indices for Comprehensive Crop Monitoring and Irrigation Performance Assessment			Thailand
Prof Sriwongsitanon Nuchanart et al, Mr Williams James			
Adaptability of Subsurface Drip Irrigation for Sugarcane Cultivation in Zimbabwe			Zimbabwe
Dr Mabaya Goden & Mr Hamah Daelly			
Smart Irrigation and Drainage Technology for RiceFields in the North Great Plains: Synergistic Development of Water Saving, Efficiency and Food Security			China
Mr Yan Qinghong et al, Mr Li Jianming			
The Efficiency Enhancement of Drip Watering by Optimising the Irrigation Schedule			Russia
Dr K.B. Shumakova & Dr A. Romanovskaya			

Technical Session 2.5		Wednesday (10 th September 2025)	Time: 14:00 – 15:30
Sub-Theme 2: Technology and Modernization in the Agricultural Sector towards Food Security			
Room: Sarawak			
Session Chair	Mr. Alok Sikka, Country Repr. – India/Bangladesh & Senior Fellow, IWMI		
Session Co-Chair	Prof. Dato' Dr. Nor Azazi Bin Zakaria		
Session Incharge	Ir. Shah Izzni Talif bin Adnan		
Rapporteurs	Nurul Natasha Nabila Binti Naim		
	Aaron Oon Chye Len		
		Country	
The use of climate and soil-based digital applications on irrigation management in Turkey		Turkey	
Prof Yildirim Yusuf Ersoy, et al,			
Optimizing Irrigation Strategies for Sustainable Water Management in Wheat Cultivation: A Comparative Assessment of Irrigation Methods and Application Rates		India	
Mr Vishwakarma Sumit Kumar et al,			
Operational Water Distribution in Kundalia Project (MP) Based on Daily Satellite Imagery		The Netherlands	
Prof Bastiaanssen Wim et al,			
Gravity Open-channel Irrigation Systems in Hill Areas: Problems and Prospects		India	
Dr Ramachandrupa Venkata Ramamohan			
Advancing Food Security Through the Development of IoT Based Water Allocation Model: The case of Klong Suan Mak River Basin in the Northern Thailand		Thailand	
Dr. Somchai Donjadee, Ms Phatchareeya Waiphara			

SIDE EVENTS:

Day	Side Event		Time	Venue/Room
9th Sept 2025 Tuesday	Side Event 1 ALRC (Japan) / ICARDIA / AERI	The Use of Numerical Model WASH 1D/2D for Optimizing Irrigation Management	14:00- 15:30	Pulau Pinang
	Side Event 2 FAO	Updating crop water requirement estimation for improved yields and water saving in a changing environment	14:00- 15:30	Perak
	Side Event 3 INWEPF / JNCID	Accelerating More Resilient, Sustainable and Productive Paddy Farming	14:00- 15:30	Perlis
	Side Event 4 IWMI (INDIA)	Climate Resilient Irrigation Water Management	14:00- 15:30	Pahang
	Side Event –5 JNCID / TF-WEWM / ICID	Women Engagement in Local Agricultural Water Management	16:00- 17:30	Pulau Pinang
	Side Event 6 FAO / WASAG	Fostering collaborative actions for tackling water scarcity in agriculture in the context of climate change: WASAG– The Global Framework on Water Scarcity in Agriculture	16:00- 17:30	Perak
	Side Event 7 MSSRF / NRRI / OUAT / AAU / NIBIO	Technology Interventions and Digitization of Agriculture: Current Opportunities, Challenges and Responses for Smallholders	16:00- 17:30	Perlis
	Side Event 8 ICARDIA	Shaping the Future of Sustainable Water Management through Green Energy Transition and Precision Agriculture	16:00- 17:30	Pahang

SIDE EVENTS:

Day	Side Event		Time	Venue/Room
10th Sept 2025, Wednesday	Side Event 9 JNCID / JCA / FAO	Advancing Irrigation Practices to Facilitate Climate Change Adaptation and Mitigation	11:15 - 13:00	Pulau Pinang
	Side Event 10 IGS	Water Management and Storage with Geosynthetics	11:15 - 13:00	Perak
	Side Event 11 SACID, IWMI & FAO	Smart Irrigation for a Resilient Future: Leveraging Data and Partnerships for Water Security	11:15 - 13:00	Perlis
	Side Event 12 FAO	Shaping the future of Irrigation: Monitoring Water Use Efficiency Monitoring (SDG indicators 6.4.1) and the level of water stress	11:15 - 13:00	Pahang
	Side Event 13 ASRWG	Optimizing Water Use in Paddy Irrigation with Advanced Sensing Technologies	14:00 - 15:30	Pulau Pinang
	Side Event 14 KCID	The International Network for Water and Ecosystem in Paddy Fields (INWEPF)	14:00 - 15:30	Perak
	Side Event 15 CNCID, MANCID & JNCID	The 1st World Heritage Irrigation Structures Conference	14:00 - 15:30	Perlis
	Side Event 16	High Level Round Table Meet	14:00 - 15:30	Pahang
	Side Event 17 FAO	Irrigation Mapping	14:00 - 15:30	Negeri Sembilan

COMMITTEE MEETING SCHEDULE

Wednesday, 10th Sept 2025 11:15-13:00

WORKING GROUP	ROOM
WG8: MT-JOUR	Teratai Suite(ICID Room)

Thursday, 11th Sept 2025 09:00 -10:45

WORKING GROUP	ROOM
WG1: WG-CLIMATE	Perhentian
WG2: AFRWG	Sabah
WG3: ASRWG 1	Perlis
WG4: AMRWG	Teratai Suite (ICID Room)
WG6: C-EVENTS	Perak
WG7: WG-LDRG 1	Redang
WG9: PFC 1	Pulau Pinang
WG10: WG-WHIWS 1	Jhor/Kedah
YP Training & WG: IYPeF	Kuala Lumpur

Thursday, 11th Sept 2025 14:00 -15:30

WORKING GROUP	ROOM
WG14: WG-I&OMVE 1	Redang
WG 15: WG-IWM&D	Jhor/Kedah
WG16: WG-SCER 1	Perhentian
WG17: EB-JOUR	Pahang
WG18: WG-WFE-N 1	Negeri Sembilan
WG19: WG-NWREP 1	Perlis
WG21: PCSO 1	Pulau Pinang
WG22: WG-CDTE 1	Sabah
YP Training	Kuala Lumpur

Thursday, 11th Sept 2025 11:15 -13:00

WORKING GROUP	ROOM
WG1: WG-CLIMATE 2	Perhentian
WG3: ASRWG 2	Perlis
WG11: TF-WWF11	Pahang
WG5: ERWG	Negeri Sembilan
WG20: WG-HIST	Perak
WG7: WG-LDRG 2	Redang
WG9: PFC 2	Pulau Pinang
WG13: WG-IDSST	Sabah
YP Training	Kuala Lumpur

Thursday, 11th Sept 2025 16:00 -17:30

WORKING GROUP	ROOM
WG14: WG-I&OMVE 2	Redang
WG16: WG-SCER 2	Perhentian
WG24: AC-IRPID	Pahang
WG18: WG-WFE-N 2	Negeri Sembilan
WG19: WG-NWREP 2	Perlis
WG21: PCSO 2	Pulau Pinang
WG22: WG-CDTE 2	Sabah
WG25: TF-WEWM	Perak
YP Training	Kuala Lumpur
WG23: TF-MTD	Teratai Suite (ICID Room)

EXHIBITORS

Tun Razak 4 (TR4), selected as the exhibition hall for WIF4, is located at Level 4 of WTCKL sized. Sized as 2,765 sqm, with ceiling height of 8 m, the hall can accommodate up to 2,500 people for reception. Notably, TR4 is also located on the same level as Merdeka Hall, where the Main Forum activity will be held at.

During WIF4, the exhibition hall will be active for three days, starting from 8-10th September 2025. For this Forum, the hall is designed to fit up to 100 booths. Each booth will feature the 3 x 3 m standard shell scheme, with additional designs available upon request.

In addition, there will be a stage located in the middle of the hall, enabling the exhibitors to promote their products. There will also be a section in the hall allocated for poster presentation, suitable for participants who are interested to showcase their study in a more casual setting as compared to the parallel session.

BOOTH NO.	COMPANY/INSTITUTION
4001	CONCRETE CANVAS
4002	WILO MALAYSIA SDN. BHD.
4003	WINS-BIGTECH
4004	MOLECOR SOUTHEAST ASIA
4005	MMC ENGINEERING SDN. BHD.
4006	HYDROSAT
4007	API
4008	BANDWORK GPS SOLUTIONS SDN. BHD.
4009	KEMUBU AGRICULTURAL DEVELOPMENT AUTHORITY (KADA)
4010	MALAYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MARDI)
4011	RIVO BUILDERS (M) SDN. BHD.
4012	KRAFTANGAN MALAYSIA
4013	NATIONAL WATER RESEARCH INSTITUTE OF MALAYSIA (NAHRIM)
4014 - 4015	FARMERS ORGANISATION AUTHORITY
4016	MKR HARTAMAS SDN. BHD.
4017	RUBICON WATER
4018 - 4020	FARMERS ORGANISATION AUTHORITY
4021	SAUDAGAR NANAS
4022	KOPIESATU
4023	MUDA AGRICULTURAL DEVELOPMENT AUTHORITY (MADA)
4024	RPM ENGINEERS SDN. BHD.
4025	STEEL NATURE SDN. BHD.
4026	SUPERLIT BORU SAN. A.S
4027	SHANXI PUYOU TECHNOLOGY CO., LTD.
4028	MALAYSIA NATIONAL WATER BALANCE MANAGEMENT SYSTEM (NAWABS)
4029	MINISTRY OF AGRICULTURE AND FOOD SECURITY MALAYSIA
4030 - 4033	PAVILION MINISTRY OF AGRICULTURE AND FOOD SECURITY MALAYSIA
4034	MINISTRY OF AGRICULTURE AND FOOD SECURITY MALAYSIA
4035	MALAYSIA NATIONAL FLOOD FORECASTING AND WARNING CENTRE (PRABN)
4036	XYLEM
4037	MAINTEK TECHNOLOGIES SDN. BHD.
4038	GRUNDFOS PUMPS SDN. BHD.
4039	ROTORK (MALAYSIA) SDN. BHD.
4040	SUBOR PIPE INDUSTRY AND TRADE INC.
4041	TCK E-SOLUTIONS SDN. BHD.
4042	MACCAFERRI (M) SDN. BHD.
4043	MALAYSIAN NATIONAL COMMITTEE ON IRRIGATION & DRAINAGE (MANCID)
4044	MARDI CORPORATION SDN. BHD.
4045 - 4050	FRUITS AND FLOWERS OF TROPICAL PARADISE

ABOUT KUALA LUMPUR

In KL, you'll get to experience modern sophistication and nostalgic old-world charm in a single destination. Tour the city to see stunning skyscrapers standing alongside charming pre-war heritage buildings. The city abounds with architectural marvels, themed attractions and places of worship. Most spots can be easily accessed via KL's well-developed transport network.

AQUARIA KLCC



Aquaria KLCC is a state-of-the-art oceanarium showcasing over 5,000 different exhibits of aquatic and land-bound creatures over a sprawling 60,000 square-foot space in the Concourse Level of the Kuala Lumpur Convention Centre.

PETRONAS TWIN TOWER



The Twin towers are about 452 meters above the ground, and together have 88 floors which are the most used as offices space with large shopping mall, the Suria KLCC at the bottom. The towers are linked at level 41 and 42 with a double-decker sky bridgwhich is about 175 meters above ground and 192 feet long.

KL TOWER



Standing at 421 metres, this formidable landmark is the 4th tallest tower in the world. At its foundation, the structure is surrounded by the Bukit Nenas Tropical Rainforest Reserve. Aside from being a telecommunications tower, the Kuala Lumpur Tower also houses a variety of souvenir shops and restaurants at its base, and an observation deck and revolving restaurant on the upper decks.

TITIWANGSA PARK



Located in the north-eastern fringe of Kuala Lumpur, Taman Tasik Titiwangsa is a recreational park with a large lake as its main attraction. This 95 hectares park is a vast area that consists of a 57 hectares lake. Other facilities at the park include a Remote Control car track, a cycling track, a football field, a boathouse and aquatic activities, a viewing tower, playground and pavilion.

NATIONAL MOSQUE



The National Mosque of Malaysia is located in Kuala Lumpur. It has a capacity of 15,000 people and is situated among 13 acres of beautiful gardens. The mosque is a bold and modern approach in reinforced concrete, symbolic of the aspirations of a then newly-independent Malaysia. Its key features are a 73-metre-high minaret and an 16-pointed star concrete main roof. The umbrella, synonymous with the tropics, is featured conspicuously.

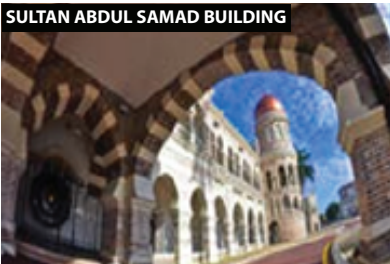
The main roof is reminiscent of an open umbrella, the minaret's cap a folded one. The folded plate of the concrete main roof is a creative solution to achieving the larger spans required in the main gathering hall. Reflecting pools and fountains spread throughout the compound.

NATIONAL PALACE



Istana Negara (National Palace) is the official residence of the Yang DiPertuan Agong who is the head of state of Malaysia. The New palace which was opened in 2011 is located at Jalan Duta, replaces the old Istana Negara. It occupies a complex of an area of 97.65 hectares with 22 domes, and is split into three main portions consisting of the formal component, royal component and administration component.

SULTAN ABDUL SAMAD BUILDING



The Sultan Abdul Samad Building (named after the 4th Sultan of Selangor - Sultan Abdul Samad ibni Raja Abdullah (1857-1898)) was built in 1897, and design by the architect A.C. Norman. Stretching 400 feet along Jalan Raja, the building was originally constructed to house the Secretariat offices of Selangor. It is now converted into the office of the Ministry of Information, Communication and Culture.

CENTRAL MARKET



Built in 1888 the Central Market was designed to be a wet market for the traders and tin miners of the time. The wet market was convenient for the earlier settlers of the Klang Valley. In 1985, the market was renovated into vibrant and colorful new style and on April 1986 it was officially known as Pasar Budaya (Culture Market), an art and craft shopping centre. A variety of goods are sold here, including handicrafts, souvenirs and batiks.

NATIONAL MUSEUM



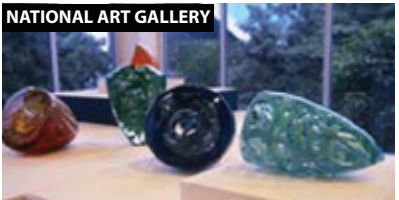
The National Museum is located in a striking building that features traditional Malay and Minangkabau architecture. It houses collections on natural history, local culture and customs, and outdoor exhibits of artefacts recording the country's past. If you'd like to find out more about the museum, prior to your visit, go to www.muziumnegara.gov.my.

PERDANA BOTANICAL GARDENS



Formerly known as the Perdana Lake Gardens, this lush green park was originally built in the 1880s making it the oldest and most popular public recreational park in Kuala Lumpur. Exploring the Perdana Botanical Gardens, visitors will be amazed by the variety of flora that includes everything from colourful flowering plants to shrubs to palms and exotic trees of local as well as foreign origin. Among these unique natural wonders are the Bottle tree, the Sausage tree, the Cannonball tree and the Baobab tree just to name a few.

NATIONAL ART GALLERY



A huge four-story gallery houses the works of some of Malaysia's leading artists with a number of touring exhibitions as well.

KUALA LUMPUR OLD RAILWAY STATION



One of the most charming building found in Kuala Lumpur. Completed in 1910, the railway station has stood the passage of time with its fine architecture drawn from the Neo Moorish period influenced by Indian, Turkish and of Moroccan styles. Its is heavily influenced by Islamic architecture of arches, domes and geometric patterns. The old railway station is now one of the stops of the commuter rail service operates by KTMB.

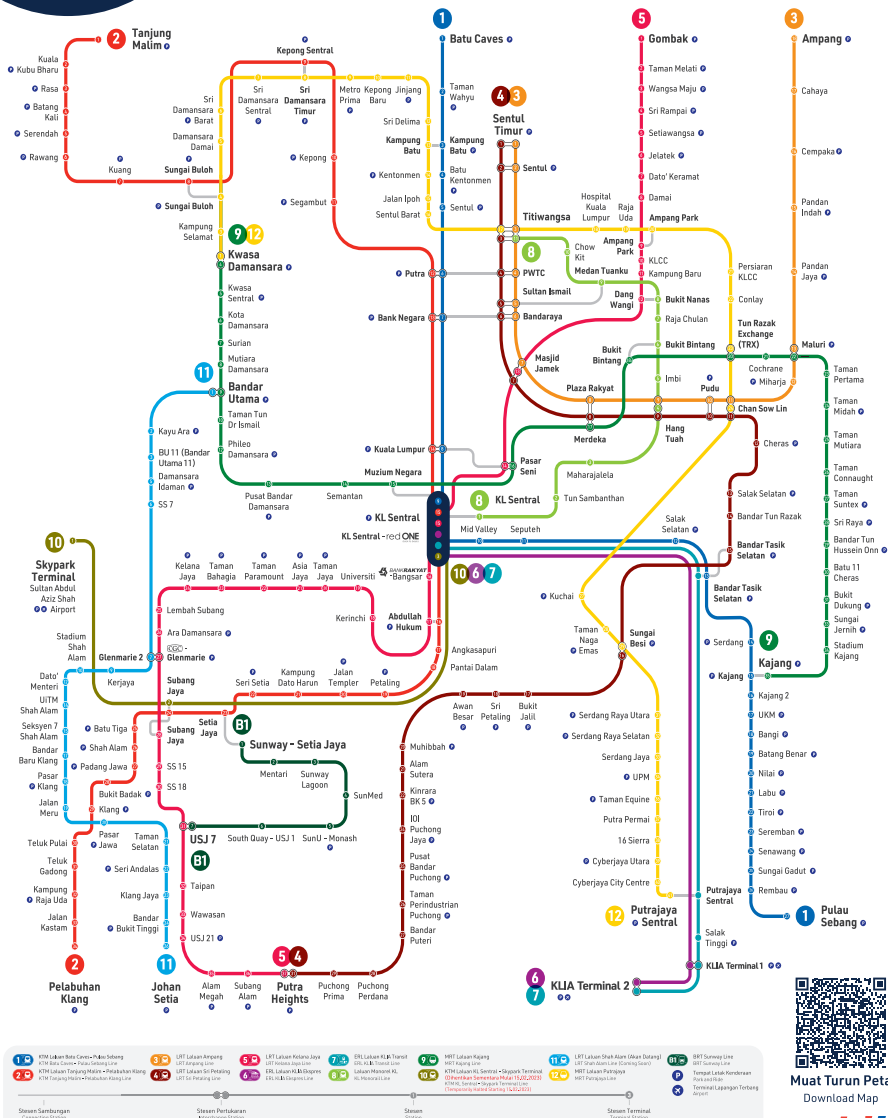
BUKIT BINTANG STREET



Bukit Bintang tyilized as Bintang Walk or Starhill. The area has long been Kuala Lumpur's most prominent retail belt that is home to many landmark shopping centres This area is popular among tourists and locals, especially among the youths.



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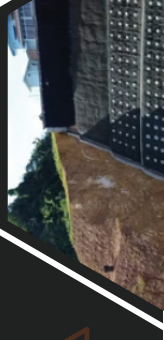


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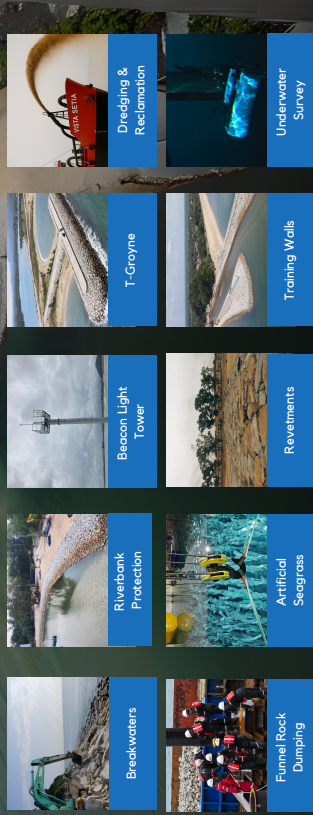


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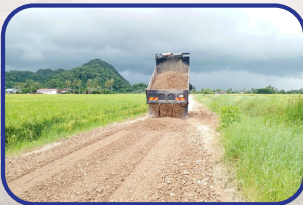
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