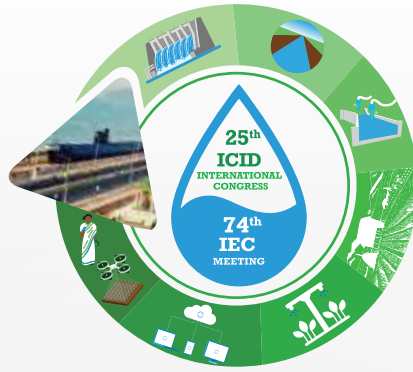




Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation

सत्यमेव जयते



THIRD ANNOUNCEMENT

25TH
INTERNATIONAL
CONGRESS &
74TH
IEC OF ICID



THEME | TACKLING WATER SCARCITY IN AGRICULTURE

2-8 Nov, 2023 | Visakhapatnam Andhra Pradesh, India



ICID.CIID



<https://icid25congress.in/>

INVITATIONAL MESSAGES

गजेन्द्र सिंह शेखावत
Gajendra Singh Shekhawat



सत्यमेव जयते



भारत सरकार
Ministry of Jal Shakti

जल शक्ति मंत्री
भारत सरकार
Minister for Jal Shakti
Government of India

26 OCT 2023

MESSAGE

I am delighted to extend my warm greetings to the distinguished experts, scholars, and practitioners in the field of water resource management on the occasion of the 25th International Congress of the International Commission on Irrigation and Drainage (ICID) and 74th International Executive Council (IEC).

India, home to approximately 18% of the global population and 18% of the world's cattle, faces a stark imbalance when it comes to freshwater resources. The problem is accentuated with lesser water resources. This challenge is further compounded by the uneven distribution of water availability across our vast and diverse country.

The hosting of the 25th ICID Congress in India is a momentous occasion. I extend my heartfelt congratulations to Central Water Commission (CWC), Indian National Committee on Irrigation and Drainage (INCID) and State Government of Andhra Pradesh for their proactive role in making this remarkable event possible. It is my firm belief that the discussions/deliberations during the Congress and the International Executive Council Meeting will serve as a conduit for the exchange of invaluable knowledge pertaining to sustainable technologies, aimed towards addressing water scarcity.

I offer my best wishes to ICID, INCID, CWC and the Government of Andhra Pradesh for organizing the 25th ICID Congress and 74th International Executive Council (IEC) in India.

(Gajendra Singh Shekhawat)



Y.S. JAGAN MOHAN REDDY



AMARAVATI




**CHIEF MINISTER
ANDHRA PRADESH**

MESSAGE

It gives me great pleasure to announce that the Government of Andhra Pradesh, in association with INCID, is hosting the historic 25th Congress & 74th IEC of ICID at Visakhapatnam, Andhra Pradesh. The State of Andhra Pradesh is thankful to the IEC of ICID for accepting our proposal for hosting these events in Andhra Pradesh, India.

Andhra Pradesh is a riverine state with 40 major, medium & minor rivers and has a rich heritage of cultivation & irrigation. I take this opportunity to share the news that the state of A.P received 4 World Heritage Irrigation Structure (WHIS) awards from ICID. The State is ensuring that human and economic development takes place in harmony with the environment. At a time, when education, health care, agriculture and welfare are given prominence in my Government, the hosting of ICID Congress is a great coincidence. Our State also has a splendid natural and cultural heritage. I extend my warm welcome to the participants from across the Globe to visit Andhra Pradesh, the Sunrise State and the Rice Bowl of India and the city of Destiny- Visakhapatnam and experience our culture, traditions and hospitality. I hope that all the participants will have a very pleasant, healthy and enriching experience during these events.

I wish the Congress a grand success and hope that the deliberations held here will contribute to further benefit the water sector all over the World.


(Y.S. JAGAN MOHAN REDDY)

Ambati Rambabu



**Minister of Water Resources
Government of Andhra Pradesh**



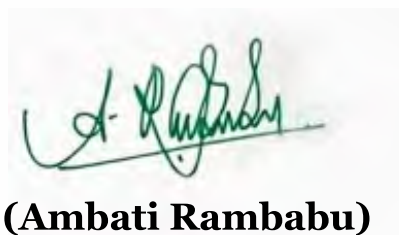
MESSAGE

It gives me immense pleasure that the 25th International Congress and 74th IEC of the International Commission on Irrigation and Drainage (ICID) are conducted in Visakhapatnam, Andhra Pradesh during 1-8, November 2023. Major rivers the Godavari, Krishna, Penna, and Tungabhadra flow through the state and cater irrigation needs. The total annual water resources available in the Andhra Pradesh State is about 131.5 billion cubic meters (BCM) (4644.26 TMC).

The conjunctive management of surface and groundwater resources assumes equal importance in meeting the demand for water for various needs even while improving the water use efficiency through technical, economic and institutional interventions.

I am of the strong belief that the deliberations of the ICID Congress and International Executive Council Meeting shall pave a way for transfer of suitable and sustainable technologies to tackle scarcity of water.

I wish all the success for 25th ICID Congress.

A handwritten signature in green ink, reading 'A. Rambabu', with a horizontal line underneath.

(Ambati Rambabu)

Prof. Dr. Ragab Ragab



President
International Commission
on Irrigation & Drainage
(ICID)



MESSAGE

It is my pleasure to announce that 25th ICID Congress on Irrigation & Drainage under theme "Tackling Water Scarcity in Agriculture" together with 74th IEC will be held in Visakhapatnam, Andhra Pradesh India from 2-8 Nov, 2023. On behalf of ICID, I extend my warm invitation to ICID members & all global water scientists & stakeholders for these events, which will be an enriching experience in irrigation & drainage disciplines.

India is a founding member of ICID & is ICID home since 1950. INCID hosted the 1st IEC at Shimla in 1950 and also the 1st Congress at New Delhi in 1951, among other events. India has an impressive record in hosting successful conferences and this one with no exception will be a memorable event. Visakhapatnam is a beautiful coastal city in Andhra Pradesh & is one of the neatest, nicest and tidiest cities of India.

India has a vast experience to offer in the fields of irrigation, drainage and water management. India also has a rich history and has plenty to offer to its visitors including its famous cuisine, fabric, spices, perfumes and more. I believe that INCID & Govt of Andhra Pradesh will leave no stone unturned for the success of the 25th Congress & 74th IEC meeting combined with the Exhibition. The delegates can be ensured of great hospitality and a rich learning experience. The events will also see various interesting programmes for the accompanying persons as well as the study tours for the participants including places of historic and cultural heritage. With this cordial invitation, I am looking forward to meeting you there.

(Prof. Dr. Ragab Ragab)

कुशिवन्दर वोहरा

अध्यक्ष

तथा पदेन सचिव, भारत सरकार

KUSHVINDER VOHRA
CHAIRMAN
& *ex-officio* Secretary
to the Government of India



सत्यमेव जयते

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय जल आयोग
GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER
RIVER DEVELOPMENT AND GANGA REJUVENATION
CENTRAL WATER COMMISSION



MESSAGE

Recognizing the pivotal role that agriculture plays towards the sustenance of civilizations, the chosen theme for the 25th Congress, "Tackling Water Scarcity in Agriculture" is quite apt and will provide a platform for global experts in the field of irrigation and drainage to engage in profound discussions and deliberations.

It is a moment to take immense pride for India and INCID in hosting the ICID Congress once again. INCID has been instrumental in shaping India's journey towards agricultural development, the enhancement of irrigational infrastructure, the promotion of sustainability, the advancement of technology, and the facilitation of knowledge exchange, with its wide array of experts from various inter-related fields. ICID Congress & IEC are expected to witness participation of about 1000 global researchers & professionals, providing a great learning global platform to address new challenges & emerging issues, through advancements in technologies, providing customized solutions. The event also provides a bright opportunity to India to project its prowess to global experts & audience.

The event is also expected to provide a window to India, in general, & Andhra Pradesh, in particular, to exhibit their rich cultural heritage & tourism potential. I am sure that the delegates will have a wonderful learning and networking opportunity. I would like to extend a warm welcome to all the delegates in this prestigious event, and look forward to enriching discussions and a memorable experience.

(Kushvinder Vohra)

Chairman, CWC / INCID and VP ICID

द्वितीय तल (द), सेवा भवन,
आर.के. पुरम, नई दिल्ली-110066
दूरभाष : 011-26715351, 26195415
फैक्स : 011-26108614



जल संरक्षण - जीवन संरक्षण
Conserve Water - Save Life

2nd Floor (S), Sewa Bhawan
R.K. Puram, New Delhi-110066
Tel. : 011-26715351, 26195415
Fax : 011-26108614
E-mail : chairman-cwc@nic.in



25th INTERNATIONAL CONGRESS & 74th IEC OF ICID

<https://icid25congress.in/>

ICID Congress is the flagship triennial event aimed to deliberate & develop solutions for the concurrent global issues pertaining to agricultural water management.

International Executive Council (IEC) is the highest decision making body of ICID to deliberate on issues related to Policy, Budget, Finances, programmes, technical activities, etc.

INCID and State Govt of Andhra Pradesh are hosting the 25th International Congress & 74th IEC Meeting of ICID at **Visakhapatnam, Andhra Pradesh, India** during **2-8 November, 2023** with the active collaboration of CWC and ICID.



**1st ICID Congress
in India - 1951**



**6th ICID Congress
in India - 1966**



**25th ICID Congress
in India - 2023**



2-8 November, 2023

**Radisson Blu Resort
Visakhapatnam, Andhra Pradesh, India**

25th INTERNATIONAL CONGRESS THEME & QUESTIONS

ICID Congress is the flagship triennial ICID event wherein two Questions or thematic areas, from the emerging global trends, are identified on which papers are presented, a Special Session, Symposium, and History Seminar are organized and showcased on the global platform, in addition to various Special Events by various international bodies/agencies.

THEME TACKLING WATER SCARCITY IN AGRICULTURE

Ques 64: What alternative water resources could be tapped for irrigated agriculture?

64.1 Developing & Reinforcing conventional sources of irrigation water

64.2 Tapping non-conventional sources of water

64.3 Empowerment of farmers

Ques 65: Which on-farm techniques can Increase water productivity?

65.1 Improving management of existing facilities

65.2 Improved Agronomics practices and Research /Innovation

65.3 Efficient application of irrigation water

INCID Congress Special Session. : Sustainable Solutions to Water Sector Challenges in India
Symposium: Pathways and Technologies for Modern Irrigation Systems

REGISTRATIONS

<https://icid-ciid.org/registration/>

Participants are required to register themselves using the Registration tab on the event website www.icid25congress.in or may directly register through the Registration website <https://icid-ciid.org/registration/>. In case of delegations or groups, each individual will be required to register independently. After completing the registration form, a confirmation letter will be sent directly to the participant with Username and Password. In second step, the Participant can login into the portal and make their payment by credit card or wire transfer (INR and USD). Upon the confirmation of the payment, the Participant would receive the Invitation Letter for the Event through email. You may write to icid-cwc@nic.in for any queries/clarifications.

Registration Fee Structure			
Venue/Year	Visakhapatnam, Andhra Pradesh, India, Nov. 2023		
Event	74th IEC Meeting + 25th ICID Congress		
		After Early Bird	Early Bird (15 Aug 2023)*
Member Countries	Congress + IEC	\$750 / ₹60,000	\$700 / ₹56,000
	Congress Only	\$450 / ₹36,000	\$400 / ₹32,000
	IEC Only	\$400 / ₹32,000	\$350 / ₹28,000
Non-Member Fee	Congress + IEC	\$850	\$750
	Congress Only	\$500	\$450
	IEC Only	\$450	\$400
Young Professionals (below 40 year)/ Retired Professional	Congress + IEC	\$375 / ₹30,000	\$350 / ₹28,000
	Congress Only	\$200 / ₹16,000	\$175 / ₹14,000
	IEC Only	\$200 / ₹16,000	\$175 / ₹14,000
Local Delegates	Congress Only	\$250 / ₹20,000	\$225 / ₹17,500
Student Registration	Congress Only	\$200 / ₹16,000	\$175 / ₹14,000
Young Professionals (below 40 year)/ Retired Professional	Congress + IEC	\$250 / ₹20,000	\$225 / ₹17,500
	Congress Only	\$200 / ₹16,000	\$175 / ₹14,000
	IEC Only	\$175 / ₹14,000	\$150 / ₹12,000

SUB- THEMES OF 25TH INTERNATIONAL CONGRESS

Ques. 64: What alternative water resources could be tapped for irrigated agriculture?

The spatial and temporal variabilities in precipitation and water availability call for harnessing the blue water component for different uses. Most irrigation systems operate at levels below the achievable efficiency and have enormous scope to improve their productivity and efficiency. Water use and management in agriculture cross many scales: crops, fields, farms, delivery systems, basins, and the nations. Farmers, as end-users and the main actors in on-farm water management, need enabling conditions in which they are willing to take initiative for improvement in productivity.

In addition to the water withdrawn from surface sources, irrigation requirements of plants can be met through rainwater, greywater, recycled wastewater, and groundwater. Rain-fed agriculture continues to contribute to about 40 per cent of global food production and most of its problems are often associated with high-intensity rainfall with large spatial and temporal variability. The dry spells need to be overcome through supplemental irrigation with the help of rainwater-harvesting systems. Adopting under-irrigation is also a strategy that can be highly beneficial in water-scarce conditions.

As one of the key alternative water resources, wastewater can be used in agriculture to compensate for water shortages, particularly in peri-urban areas. Wastewater irrigation has long development history and has undergone different phases in developing and developed countries that desires appropriate safety practices.

Q.64.1 Reinforcing conventional sources of irrigation water.

- 64.1.1 Increasing the reliability of water supply in irrigation systems,
- 64.1.2 Rainwater harvesting and management, including rainwater conservation and on-farm storage,
- 64.1.3 Supplementing with sub-surface water through groundwater replenishment and recharge

Q.64.2 Tapping non-conventional sources of water

- 64.2.1 Water budgeting by farmers
- 64.2.2 Wastewater (treated and semi-treated sewage) in Irrigation with Good Agricultural Practices,
- 64.2.3 Managing saline and alkaline water for higher productivity

Q.64.3 Empowerment of farmers

- 64.3.1 Enabling participation through legal instruments - Cooperatives, Water User Associations
- 64.3.2 Agriculture Extension Services for irrigation water management,
- 64.3.3 Capacity development through Information Education and Communication

Ques. 65: Which on-farm techniques can increase water productivity?

Substantially increasing productivity, not only in terms of physical outputs but also in economic terms is essential to meet the goals of poverty alleviation, food security and water security. Water productivity is dependent on, among others, water management practices and agronomic practices. Productivity at different levels of the irrigation system needs to be critically analysed to effectively guide policy interventions and practices vital to achieving the desired objectives. Interventions that close the "yield gap" between a farm's current yield and its higher potential yield, are especially beneficial in regions where hunger is most acute.

There are several different approaches by which farmers can improve water productivity. Options include those related to plant physiology, which focuses on making transpiration more efficient or productive, agronomic practices, which aim at reducing evaporation, and on-farm agricultural engineering approaches, which aim at making water application more precise and more effective. Resource conserving techniques such as laser land leveller for field preparation, and ridge-furrow method form part of such a wide spectrum of options. Emerging technologies present a vista of new opportunities such as precision agriculture, biotechnology, sensor technology, bioinformatics, climate-smart agriculture, robotics, drones, artificial intelligence, etc.

Q.65.1 Improving management of existing facilities

- 65.1.1 A closer look into the concepts of Water Productivity and Irrigation Efficiency
- 65.1.2 Using real time forecasts on soil moisture, and Extended Hydrological prediction
- 65.1.3 Reducing water flows to sinks - irrecoverable deep percolation and surface runoff - and reusing return flows,
- 65.1.4 Efficient distribution of available water with minimum losses.

Q.65.2 Improved Agronomic practices

- 65.2.1 Timely application of irrigation water
- 65.2.2 Controlling non-beneficial evaporation
- 65.2.3 Minimizing salinization of return flows

Q.65.3 Efficient application of irrigation water

- 65.3.1 Reducing non-returnable losses of irrigation water
- 65.3.2 Pressurised irrigation through piped conveyance systems at farm levels
- 65.3.3 Using technologies such as SCADA, sensor technology and precision application

LIST OF GENERAL REPORTERS & PANEL EXPERTS

CONGRESS THEME: TACKLING WATER SCARCITY IN AGRICULTURE

Congress Q. Q.64	What Alternative Water Resources could be Tapped for Irrigated Agriculture?
General Reporter	Dr. Amgad Elmahdi (FAO) : Chair Mr A K Kharya (India), Co-Chair
Q.64.1	Developing and Reinforcing Conventional Sources of Irrigation Water
Panel Expert	Mr. Waleed Hassan (FAO) : Chair Mr. D S Chaskar (India), Co-Chair
Q.64.2	Tapping Non-Conventional Sources of Water
Panel Expert	Dr. Wenyong, Wu (China), Chair Dr. Sudhir Kumar (India), Co-Chair
Q.64.3	Empowerment of Farmers
Panel Expert	Dr. Keigo Noda (Japan), Chair Mr Anuj Kanwal (India), Co-Chair
Congress Q.65	What On-Farm Techniques can Increase Water Productivity?
General Reporter	Dr. A.K. Randev (India), Chair Mr Ashok Dalwai (India), Co-Chair
Congress Q.65.1	Improving Management of Existing Facilities
Panel Expert	Ms. Mona Liza Delos Reyes (Philippines) : Chair Mr S K Sibal (India), Co-Chair
Congress Q.65.2	Improved Agronomic Practices and Research / Innovation
Panel Expert	Mr. Vivek Kapadia (India) : Chair Mr Ravi Bhushan Kumar (India), Co-Chair
Congress Q.65.3	Efficient Application of Irrigation Water
Panel Expert	Vice President Rafat Nael (Iraq) : Chair Mr. Navin Kumar (India), Co-Chair
International Symposium	Efficient Application of Irrigation Water Prof. Dr. Ragab Ragab (UK), President, ICID: Chair Dr M K Sinha (India), Co-Chair VPH Ian Makin (UK), Coordinator Er. B.A. Chivate, Director (Technical), ICID CO
INCID Congress Special Session	Sustainable Solutions to Water Sector Challenges in India Mr Kushvinder Vohra, Chairman CWC/INCID: Chair Mr. G Asok Kumar, Director General, NMCG (tbc) : Co-Chair



Programme At A Glance (Tentative)

Date / Year 2023	01-Nov	02-Nov	03-Nov	04-Nov	05-Nov	06-Nov	07-Nov	08-Nov	
Day / Hrs.	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	
09:30-18:00		Registration	Registration	Registration					
09:30-11:00		Opening Ceremony (Room : Sagarika)	Session -7 Congress Question 64.1 (3/6) (Room : S2)	INCID Congress Special Session-I (1/2) (Room : S2)	ASRWG-I (Room: S1)	AMRWG (Room : LGF)	PCTA (Room : SA)	IEC (Sagarika)	
			Session - 8 Congress Question 65.3 (3/7) (Room : S3)	International Symposium-I (1/2) (Room : S3)	ERWG-I (Room: S2)	WG-SDTA-I (Room : S3)			
			Session - 9 Congress Question 65.1 (1/2) (Room : SA)	Side Event -8 - IGS - Session-I (Room : SA)	WG-ENV-I (Room: S3)	WG-MWSCD-I (Room : SA)			
			International Workshop-3 (WG-WFE_N) (Room : SH)	Side Event-11 - ICARDA (Session-I) (Room : S1)	WG-SON-FARM-I (Room: SA)	EB-JOUR-I (Room : BR)			
			International Workshop-4 (WG-SDTA)-Session-I (Room : S1)	Side Event -12 - FAO-JICA (Session-I) (Room : SH)	WG-NCWRI (Room: SH)	WG-IDSST-I (Room : SH)			
			Side Event-3 - FAO-WASAG - (Session-I) (Room : LGF)	Side Event-13--CNCID-ICID (WIF-4 papers)-Session-I (Room :LGF)	WG-AFM-I (Room : LGF)	WG-WATS-I (Room : S2)			
			Side Event - 4 - FAO (Session-I) (Room : L1)	Side Event-15 - IWMI - Solar Irrigation (Room :L1)	IEWP GIZ YP Training - Session-I (Room : L1)	C-CONGR-I (Room : S1)			
			TF-MTD (Room : BR)	MT-JOUR (Room : BR)					
11:00-11:30	Health Break								
11:30-13:00		Congress Plenary N.D. Gulhati Memorial Lecture GR Presentation (Q. 64) GR Presentation (Q. 65) (Room : Sagarika)	Session - 10 Congress Question 64.1 (4/6) (Room : S2)	INCID Congress Special Session-II (2/2) (Room : S2)	ASRWG-II (Room : S1)	WG-SDTA-II (Room : S3)	PCTA (Room : SA)	IEC (Sagarika)	
			Session - 11 Congress Question 65.3 (4/7) (Room : S3)	International Symposium-II (2/2) (Room : S3)	ERWG-II (Room : S2)	WG-MWSCD-II (Room : SA)			
			Session - 12 Congress Question 65.1 (2/2) (Room : SA)	Side Event -8 - IGS - Session-II (Room : SA)	WG-ENV-II (Room : S3)	EB-JOUR-II (Room : BR)			
			International Workshop-3 (WG-WFE_N) (Room : SH)	Side Event-9 - AFEID (FRANCE)-COSTEA (Room: BR) (11:30-12:30 hrs)	WG-SON-FARM-II (Room : SA)	WG-IDSST-II (Room : SH)			
			International Workshop-4 (WG-SDTA)-Session-II (Room : S1)	Side Event -10-IEWP GIZ Session (Room : L1)	WG-AFM-II (Room : LGF)	WG-WATS-II (Room : S2)			
			Side Event-3 - FAO-WASAG -(Session-II) (Room : LGF)	Side Event-11 - ICARDA (Session-II) (Room : S1)	IEWP GIZ YP Training - Session-II (Room : L1)	C-CONGR-II (Room : S1)			
			Side Event - 4 - FAO (Session-II) (Room : L1)	Side Event - 12 - FAO-JICA (Session-II) (Room: SH)	WG-WEF_N-I (Room : SH)	TT-TBW AWM (Room :LGF)			
			Sub-Committee/Themes (Room : BR)	Side Event-13 CNCID-ICID (WIF-4 papers)- Session-II Room :LGF)					
13:00-14:00	Lunch Break								
14:00-15:30	Registration	Session - 1 Congress Question 64.1 (1/6) (Room: S2)	Session - 13 Congress Question 64.1 (5/6) (Room : S2)	IEC Plenary Session (Room : Sagrika)	WG-VE-I (Room : SA)	WG-IOA-I (Room : S1)	PCTA (Room : SA)	IEC (Sagarika)	
		Session -2 Congress Question 65.3 (1/7) (Room: S3)	Session - 14 Congress Question 65.3 (5/7) (Room : S3)		WG-RWH-I (Room :LGF)	WG-HIST-I (Room : S2)			
		Session -3 Congress Question 64.2 (1/1) (Room : SA)	Session - 15 Congress Question 65.2 (1/1) (Room : SA)		WG-CLIMATE-I (Room :S1)	WG-LDRG-I (Room : SA)			
		International Workshop-1 (WG-CLIMATE) (Room : S1)	Side Event 5 : MSSRF -Norway Session:I (Room : S1)		AFRWG-I (Room : S2)	WG-M&R-I (Room : SH)			
		International Workshop-2 (WG-LDRG) (Room: L1)	International Workshop-6 (WG-NCWRI) (Room : L1)		PFC-I (Room : S3)	WG-IDM-I (Room : LGF)			
		Side Event -1 : IWMI-WRC (Session-I) (Room : LGF)	Side Event 6 : INCID - Women & Water (14:00-15:30 hours) (Room :LGF)		IEWP GIZ YP Training - Session-III (Room : L1)	WG-CDTE-I (Room : BR)			
		Minister's CEO Conclave (Room : SH)	Side Event -7 - IWMI-India (Session-I) Room : SH		WG-WEF_N-II (Room : SH)	PCSO-I (Room : S3)			
			AC-IRPID (Room : BR)						
15:30-16:00	Health Break								
16:00-17:30	Registration	Session - 4 Congress Question 64.1 (2/6) (Room : S2)	Session - 16 Congress Question 64.1 (6/6) (Room : S2)	25th ICID Congress Wrap-up (Room: Sagarika)	WG-VE-II (Room : SA)	WG-IOA-II (Room : S1)	PCTA (Room : SA)	IEC + Closing Ceremony (Sagarika)	
		Session - 5 Congress Question 65.3 (2/7) (Room : S3)	Session - 17 Congress Question 65.3 (6/7) (Room : S3)		WG-RWH-II (Room :LGF)	WG-HIST-II (Room : S2)			
		Session - 6 Congress Question 64.3 (1/1) (Room : SA)	Session - 18 Congress Question 65.3 (7/7) (Room : SA)		WG-CLIMATE-II (Room :S1)	WG-LDRG-II (Room : SA)			
		International Workshop-1 (WG-CLIMATE) (Room : S1)	Side Event - 5 : MSSRF -Norway Session-II (Room : S1)		AFRWG-II (Room : S2)	WG-M&R-II (Room : SH)			
		International Workshop-2 (WG-LDRG) (Room :L1)	International Workshop-6 (WG-NCWRI) (Room : L1)		PFC-II (Room : S3)	WG-IDM-II (Room : LGF)			
		Side Event -1 : IWMI-WRC (Session-II) (Room : LGF)	Side Event - 14 : INCID & IWRS (Room : LGF)		IEWP GIZ YP Training (Session-IV) (Room : L1)	WG-CDTE-II (Room : BR)			
		Management Board (MB-I) - Room : BR	Staff Committee (SC)			PCSO-II (Room : S3)			MB-II
		Side Event -2 : INCID &IndiaNPIM Session (Room:SH)	Side Event -7- IWMI-India (Session-II) (Room : SH)						
		TF-WWF-10 (Room :BR)							
17:30-18:00			OBC Meeting (Room : S2)		Mtg. NCs-Office-Bearers (Room: SA)				
18:00-20:00		Cultural Program & Conference Dinner	Welcome Reception by Australia NC (by Invitation)			Welcome Reception by Malaysian NC			

	Registration
	ICID Congress Sessi
	IEC related meeting:

	Side Events
	International Worksh
	International Sympo

	INCID Congress Spe Session
	IEWP GIZ YP Trainin
	Minister's CEO Conc

	Management Board (
	Staff Committee (SC)
	Reception/Dinner

25th International Congress & 74th IEC

—Event Highlights—

	SCHEDULE AT A GLANCE
01 st Nov, 2023	Registration
02 nd Nov, 2023	<ul style="list-style-type: none"> • 25th Congress Opening Ceremony • ND Gulhati Memorial Lecture • Congress Sessions • International Workshops, • Side Events (IWMI-WRC, INCID & IndiaNPIM) • Minister's CEO Conclave, Cultural Program & Conference Dinner
03 rd Nov, 2023	<ul style="list-style-type: none"> • Congress Sessions • International Workshops, • Side Events (FAO-WASAG, FAO, MSSRF-Norway, INCID-Women & Water, INCID & IWRS, IWMI-India) • Vizag local tours (for accompanying persons) • Welcome Reception by Australian National Committee
04 th Nov, 2023	<ul style="list-style-type: none"> • IEC Plenary Session • INCID Congress Special Session • International Symposium, • Side Events (IGS, AFEID-COSTEA, IEWP-GIZ, ICARDA, FAO-JICA, CNCID-ICID, IWMI-Solar Irrigation), • 25th ICID Congress Wrap-up • Vizag local tours (for accompanying persons)
05 th Nov, 2023	<ul style="list-style-type: none"> • ICID Working Group Meetings • Young Professional Training Programme • Technical / Excursion Tours • ICID PFC Meeting
06 th Nov, 2023	<ul style="list-style-type: none"> • ICID Working Group Meetings, • ICID PCSO Meeting • Welcome Reception by Malaysian National Committee
07 th Nov, 2023	<ul style="list-style-type: none"> • ICID PCTA Meeting
08 th Nov, 2023	<ul style="list-style-type: none"> • IEC Meeting & Closing Ceremony



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ICID AWARDS

Schedule & Venue: 4th November 2023
IEC Plenary Session @ Radisson Blu Resort

ICID has instituted a number of awards to recognize the innovative work and encourage the researchers for their outstanding contributions, which promotes efficient utilization of water in agriculture. Nominations for the awards are received through the National Committees of ICID.

Awards & Recognition

World Heritage Irrigation Structures (WHIS) Awards: ICID awards the WHIS recognition for Irrigation Structures that are more than 100 years old and are still functioning. It includes both old operational irrigation structures as well as those having archival value. This recognition is on the lines of World Heritage Sites (as recognized by UNESCO). The primary objectives of recognition as a WHIS are to trace the history and understand the evolution of irrigation worldwide, to gather information and knowledge about the unique features of historical irrigation projects and to protect and preserve these irrigation structures

WatSave Awards: Water Savings (Watsave) Award(s) aim 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.

Best Performing National Committee Awards (BPNCA): Presented triennially at every ICID Congress, with the objective to recognize the contributions made by a National Committee to fulfill ICID's mission and objectives.

Best Paper Award: - recognizes outstanding papers contributed to 'Irrigation and Drainage', annually

World Irrigation and Drainage Prize: It recognizes individuals, groups of individuals or institutions working at a large scale from the last fifteen years in the field of enhanced agricultural practices and sustainable irrigation strategies at regional, national or international levels.

World Water System Heritage Programme (WSH): WSH program aims to identify and preserve the people-centered water management systems, organizations, regimes and rules as intangible water heritage considered to be of outstanding value to humanity that creates coexistent social system for humanity and sound environment and gives them recognition.

Summary of 2023 Awards

Best Performing National Committee Awards (BPNCA)	Iranian National Committee on Irrigation and Drainage (IRNCID)
Best Paper Award	"The development of a hybrid model to forecast paddy water temperature as an alert system for high-temperature damage" by Wenpeng Xie, Masaomi Kimura, Yohei Asada, Toshiaki Iida, Naritaka Kubo. Published in Volume 71 Issue S1 (2022) of Irrigation and Drainage - the Journal of ICID.
WatSave Awards:	Italian National Committee (Technology Category)

ICID's WHIS-2023

- Baini Weirs (China)
- Hongze Lake Irrigation System (China)
- Huoquan Spring Irrigation System (China)
- Qimenyan Irrigation System (China)
- Balidiha Irrigation Project (India)
- Jayamangal Anicut (India)
- Prakasam Barrage (Old Krishna Anicut) (India)
- Srivaikuntam Anicut (India)
- Notog Weir (Indonesia)
- The Kepajaran Main Intake (Indonesia)
- The Talang Barrage / Dam (Indonesia)
- The old regulator Al-Hussainya (Iraq)
- Takebe Weir (Japan)
- Yamagata-goseki Irrigation System (Japan)
- Honjukuyousui Irrigation Canal (Japan)
- Kitayama Irrigation System-Canal (Japan)
- Damnoen Saduak Canal (Thailand)
- Bang Nok Khwaek Lock (Thailand)
- Hamran Canal (Turkey)



SPONSORSHIP SUPPORT

The ICID Congress on Irrigation and Drainage is a major global event aimed at finding answers & solutions to various contemporary situations faced by the world. It is bound to benefit all spheres of professionals and researchers engaged in the field of irrigation and drainage.

Generous support, via sponsorship arrangement, is expected from the various Governments, Departments, Organisations, Private Players, International Bodies etc to make this event a grand success. Sponsorship arrangement will give an opportunity to act as Partners for hosting this historical event.

PLATINUM SPONSORS

(INR 15,00,000/- USD 18, 600)

- Free registration of 6 delegates
- Name & logo display
- Ten minutes time slot for presentation

GOLD SPONSORS

(INR 10,00,000/- USD 12, 600)

- Free registration of 4 delegates
- Name & logo display
- Ten minutes time slot for presentation

SILVER SPONSORS

(INR 5,00,000/- USD 6, 600)

- Free registration of 2 delegates
- Name & logo display



ABOUT THE HOST CITY VISAKHAPATNAM

Vishakhapatnam, also called vizag, is situated in the heart of Andhra Pradesh, on the Bay of Bengal. Vizag is known for its picturesque beaches and serene landscape as well as rich cultural past.

Visakhapatnam is fondly known as Jewel of the East Coast. Its history stretches back to 6th Century BCE. The present city was built around the 11th and 12th centuries. The control over the city: Chola Dynasty, Gajapati Kingdom, Vijayanagara Empire, the Mughals, French and British from 1804 till India's independence in 1947. It is one of the clean cities of India. The city is ninth largest contributor to India's overall GDP (\$43.5 billion). It is the oldest shipyard with natural harbour. It is the headquarters for the Indian Navy's Eastern command and South Coast Railway Zone. Visakhapatnam is one of the main tourism destinations in the state of Andhra Pradesh. It is one of the cleanest cities of India - 30% covered with greenery.

Time Zone
GMT +5:30

Currency
Indian Rupee

Languages
English, Telugu & Hindi

About the Climate:

- Visakhapatnam Airport, about 8 km away from the city centre, links Vizag with various cities in India and abroad.
- Good connectivity with International Airports at Bangalore, Chennai, Mumbai, Delhi, Hyderabad and Kolkata.
- Visakhapatnam Railway Stations has several frequent trains plying from nearby cities including Hyderabad, Bangalore, and Chennai among others.

Tourism destinations Beaches, Caves & Eastern Ghats & wildlife san wildlife

Landmarks Dolphin's Nose, Lighthouse, Kailasagiri, Beach Road, VMRDA Park, Visakha Museum, R K Beach, Rushikonda Beach, Mangamaripeta Beach and Matsyadarsini aquarium

Geo-heritage site - Erra Matti Dibbalu (Red sand dunes) situated between Visakhapatnam & Bheemunipatnam

Religious sites Simhachalam Temple of Lord Narasimha & Sri Kanaka Maha Lakshmi Temple

Heritage Buddhist Sites Boudharamam, Saligudam, Sankaram & Devipuram etc.

Accommodation Details

Availability of accommodations from 5 star to low cost. Some notable options.

- Radisson Blue Resort (Venue)
- Hotel Novotel (11 km)
- Dolphin Hotel (12 km)
- The Gateway Hotel (11 km)
- Welcome Hotel by ITC (11 km)
- Marriott Fairfield (17 km)
- The Park (11 km)
- Hotel Daspalla (12 km)
- Green park (12 km)
- Hotel Winsar Park (12 km)
- Daspalla Executive Court (11 km)
- Four Points by Sheraton (10 km)



TECHNICAL TOURS/ EXCURSION VISITS

Foreign Delegates: 75 USD
Indian Delegates: INR 4000

- **Date :** 5th November, 2023
- **Destination:** Borra caves, Araku Valley, Thatipudi Reservoir
- **Mode of Travel:** AC Buses
- **Lunch:** Haritha Resort managed by APTDC (sponsored by INCID)
- Arrangements for refreshments, local guide will be a part of the Technical Tour
- **Main Attractions:** Borra Caves (formed as a result of flow of Gosthani River on the limestone deposits) and ride to Araku Valley to visit Tribal museum, coffee museum & Padmapuram gardens at Araku & a visit to Thatipudi Reservoir on way back to city.



Borra Caves

- Formed as a result of the flow of Gosthani River on the limestone deposits
- Known for the breathtaking stalactite and stalagmite formations



Araku Valley

- Enchanting ride with sharp curves to araku valley Blessed with enchanting streams, lush green forests, beautiful waterfalls, sprawling coffee plantations, rich landscape and wonderful weather,

Thatipudi Reservoir

- Thatipudi Reservoir is located situated between Vizag and Araku in Vizianagaram district
- Built in 1963 across River Gosthani to provide drinking water facility to the Vizag City
- Beautiful location with lush green mountains on all the sides



ARAKU VALLEY

Araku Valley, which is located in Andhra Pradesh, is a beautiful hill station. It is 120 kilometers away from Vizag and draws tourists with its beautiful waterfalls and green valleys. Its green coffee plantations present a breathtaking view in the backdrop of foggy clouds.

Araku Valley's stunning landscape takes the beauty of nature to a whole new level. Its waterfalls that showcase water falling from heights are must-visit places.

- The technical tour to the Araku Valley and Borra Caves is scheduled for November 5th & 9th, 2023, and will depart from Visakhapatnam at 6:00 am, returning to Visakhapatnam on the same day.
- The tour may include visits to Padmapuram Gardens, the Tribal Museum, the Coffee Museum, and the Galikonda Viewpoint, as time allows.
- The tour will also offer an opportunity to observe the irrigation and drainage systems in the valley, such as Chaparai Waterfall and the Gosthani River.
- Air-conditioned buses will be arranged by the Transportation Committee to meet our requirements.
- Delegates participating in the technical tours on November 5th and 9th, 2023, will have their lunch at Haritha Resort Araku, which is part of the Andhra Pradesh Tourism Development Corporation (APTDC).
- @ this Resort Dhimsa Dance after lunch will be arranged(tribal dance) .
- The exact number of delegates will be confirmed at a later date.
- The lunch will be sponsored by INCID.
- Snacks and other miscellaneous expenses will be covered by the committee.
- A local guide will be arranged to enhance the tour experience.
- The farthest tourist point from Araku valley is 12 Km(23 minutes).

Borra Caves

Borra Caves are mainly inhabited by the bats that feed on flowers and fruits such as jamun, guava, mango etc. The caves, beautifully lit by the Andhra Pradesh Tourism Development Corporation give these caves an enchanting look. The various interesting formations, the beautiful lighting, the temple make these caves a popular tourist site .



Tribal Museum

The Tribal Museum has artifacts and historical items that highlight the history of the tribal population. The museum is made of metals, mud, and other indigenous materials. Along with these materials, it has a native architecture.

Coffee Museum

Coffee lovers must visit Coffee Museum in this valley. It was set up in 1930 to showcase the aspects that make Arabica Coffee a unique brew.

Coffee Museum is the ultimate destination to satisfy the cravings for coffee.



Chaparai Water Cascade

Chaparai Water Cascade has hillocks and slanting surfaces that virtually make it appear like a waterfall. However, it is a cascade with massive rocks from which copious volumes of water fall without any interruption. Chaparai Water Cascade also has plenty of greenery around it.



Galikonda View Point

In winter, Galikonda View Point is one of the best places to visit in Araku Valley. It has streams and rivers and lush green valleys that look beautiful in the winter season. Along with these features, the buildings and bollocks of the hill station also present a stunning view from the highest point in the winter season. Galikonda View Point lies at an altitude of 4320 feet.

Padmapuram Gardens

Padmapuram Gardens has a close connection with history. Historically, it has links with World War II in the sense that it was built for growing vegetables and supplying them to soldiers who took part in the war. The gardens continued playing this role for a few years after its inception in 1942. Later on, it got a new look with a training center cum horticultural nursery. Spread over an area of 26 years, it consists of exotic trees and plants.



Dhimsa Dance

Dhimsa means "sound of the footsteps". It is generally played as a relief time during their working hours. Each dance movement resembles their daily activity like picking leaves or plants, farming activities, tradition culture during matrimonial alliances, protecting them from wild life etc. The members play Dappu (drum with a short stick), Tudumu, Mori, Kiridi and Jodukommulu. The attire is colorful with earthy tones of green, red and yellow.

EXPLORE VISA KHAPATNAM WITH INCID

LOCAL SIGHTSEEING TOUR OPTIONS

Green Escapes

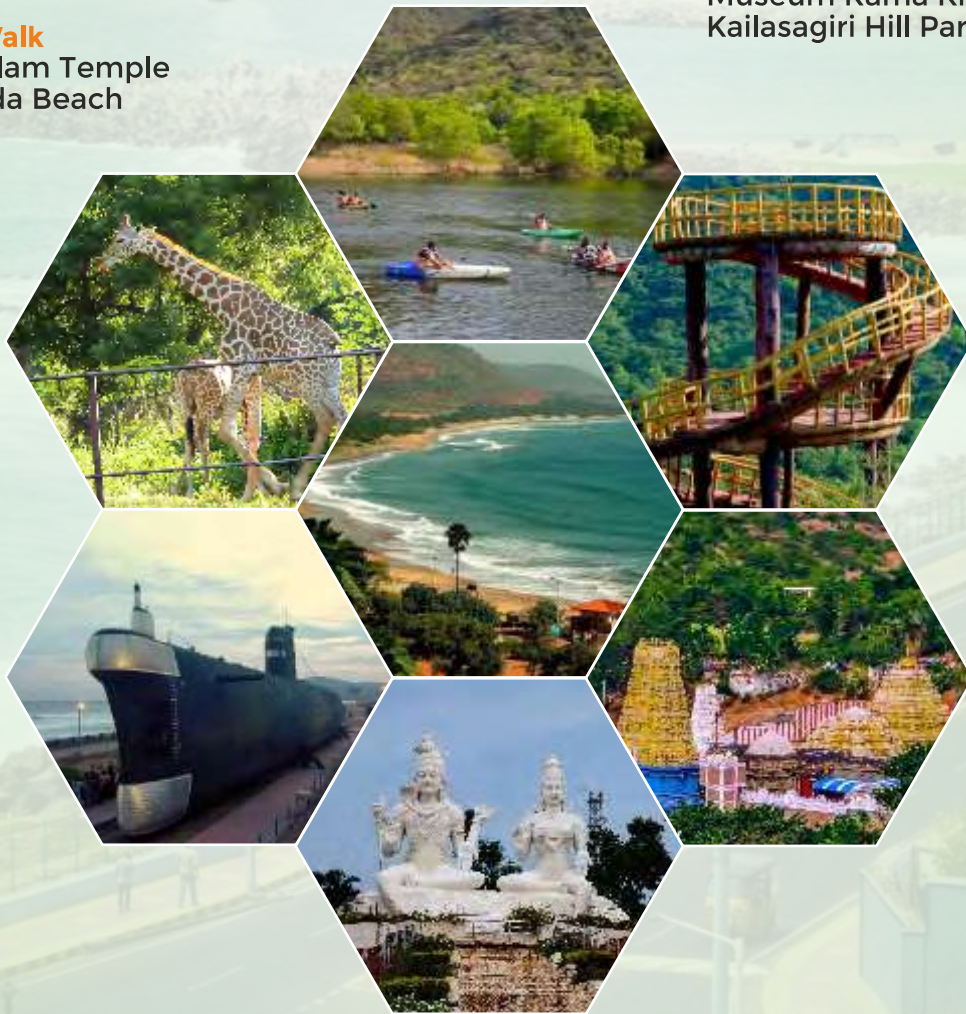
Kambalakonda Eco-Park
Indira Gandhi Zoological Park

Heritage Walk

Simhachalam Temple
Rushikonda Beach

City Sightseeing

Victory at Sea Memorial
Aircraft & Submarine
Museum Rama Krishna Beach
Kailasagiri Hill Park



3-4 November, 2023

Pick up Point: Radisson Blu Resort

+91 - 9868170568

For more information about destinations visit

<https://vizagtourism.org.in/>

VIZAG

TOUR A : GREEN ESCAPES

Kambalakonda Eco-Park

A pristine natural reserve offering a tranquil escape with hiking trails, wildlife photography, safari rides, adventure activities, picnicking, nature education, and a butterfly park for visitors to enjoy and explore the serene ambience.

Indira Gandhi Zoological Park

A vast 625-acre zoological park with diverse species, including a butterfly section, and a mini train for comprehensive exploration, perfect for animal enthusiasts and visitors of all ages.

TOUR B : HERITAGE WALK

Simhachalam Temple

Simhachalam Temple in Visakhapatnam, dedicated to Lord Vishnu, showcases rich heritage in its architecture and the legend of Prahlada's rescue by Vishnu in a unique form.

Rishikonda Beach

A beautifully maintained, golden-sand shoreline with pristine waters, offering stunning sunrise and sunset views

TOUR C : CITY SIGHTSEEING

Victory at Sea Memorial

The Indo-Pakistan War of 1971 memorial on Beach Road in Vizag, built in 1996, honors Indian Navy and Eastern Naval Command sailors, evoking a sense of pride and history.

Aircraft & Submarine Museum

A fascinating attraction featuring decommissioned naval aircraft and a real submarine, offering visitors a unique glimpse into India's maritime history.

Rama Krishna Beach

Rama Krishna Beach in Vizag is a popular coastal destination known for its scenic beauty, recreational activities, and the iconic Submarine Museum, making it a must-visit spot in the city.

Kailasagiri Hill Park

Kailasagiri in Visakhapatnam offers a panoramic hilltop view of the city, including beaches and forests, along with various enjoyable activities for visitors.



Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation





ABOUT INTERNATIONAL COMMISSION ON IRRIGATION & DRAINAGE (ICID)

<https://icid-ciid.org/> | Email: icid@icid.org

ICID.CIID

ICID, established with India's initiative, is a leading scientific, technical, not-for-profit organization working internationally in the field of irrigation, drainage and flood management to promote 'sustainable agricultural water management'

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

ICID partners with UN-Water and has close affiliation/liaison with UN Agencies like FAO, IFAD, UNEP, UNESCO, WHO, WMO, and other international professional organizations like ADB, AWC, GWP, ICARDA, ICOLD, ICRISAT, IFPRI, IGS, IHA, IUCN, IWRA, IWMI, ISO, AARDO, WWC, World Bank, etc. with an aim to bring together various stakeholders for sustainable agriculture water management.



ICID VISION

A water-secure world, free of poverty and hunger, achieved through sustainable rural development



ICID MISSION

To work towards sustainable AWM through interdisciplinary approaches for economically viable, socially acceptable and environmentally sound irrigation, drainage, and flood management.



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ABOUT INDIAN NATIONAL COMMITTEE ON IRRIGATION & DRAINAGE (INCID)

INCID was established along with the ICID on 24th June 1950 to cater to India's needs for improvements in irrigation & drainage, through closer & active interactions with ICID. INCID functions as India's representative National Committee for the ICID. INCID is headed by Chairman, Central Water Commission (CWC), Ministry of Jal Shakti, Government of India.

INCID aims at stimulating and promoting the development and application of irrigation, drainage, river training, and flood control techniques within India while integrating the efforts of Central Government, State Governments, academic institutions, and private sector in the field of agriculture water management. INCID is serving as an ideal platform to stimulate appropriate application of engineering, agriculture, economic, environmental, legal, and social science technology to improve irrigation, drainage, and flood control practices. INCID works towards identifying the technology upgradation needs of country and suggest import of technology from appropriate countries / organizations.

ORGANISATIONAL CHART



INCID OBJECTIVES

Stimulating & promoting development & application of irrigation, drainage, river training, & flood control techniques.

Integrating efforts of Central & State Governments, Academia & private sector for agriculture water management.

Co-operating with ICID for distribution & interchange of information concerning irrigation, drainage, river training, & flood control between National Committees.



SUPPORTED & ORGANIZED BY



Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation



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