



International Commission on Irrigation and Drainage

Indo-Global Irrigation Summit 2025

Venue: Dr. Ambedkar International Centre, New Delhi
24-25 June 2025, New Delhi

PROGRAMME

24 JUNE 2025 (TUESDAY)

HOURS	PARTICULARS
08.30 onwards	Registration
09.45–10.45	Inaugural Ceremony
10.45–11.15	Tea/Coffee Break
11.15–13.00	High Level Dialogue: Water and Food Security in the Context of Climate Change <ul style="list-style-type: none">• The importance of cooperation in securing water and food in an era of climate change by <i>Mikiko Tanaka, Head, Sub-regional office for South and South-west Asia, UN ESCAP</i>• FAO's water journey towards the 2030 Agenda by <i>Salman Maher, Senior Land & Water Officer, FAO</i>• Water for food: how to feed 10 billion people by 2050 by <i>Saroj Kumar Jha, Global Director-Water, World Bank</i>• Reimagining Irrigation and Water Systems for Climate-Resilient Water and Food Security by <i>Dr. Mark Smith, Director General, IWMI</i>• Best practices in WRM and Irrigation by <i>Mukesh Puri, CMD, SSNNL, GoG</i>• Water and Energy Nexus: The Key to Building a Resilient Future by <i>R.K. Agrawal, CMD, WAPCOS</i>• Primacy of People's Participation for Sustainable Water Resources by <i>Krishnan Pallassana, Senior Specialist, FAO</i>
13.00–14.00	Lunch
14.00–15.30	ICID Platinum Jubilee <ul style="list-style-type: none">• Memories: 75 Years of ICID – <i>A short film</i>• World Declaration by ICID• Irrigation and Drainage Modernization and Expansion in Canada: A Global Success Story by <i>Prof. Dr. Chandra A. Madramootoo, President Hon., ICID, Canada</i>

HOURS	PARTICULARS
	<ul style="list-style-type: none"> • Celebrating Irrigation Technology by <i>Eng. Felix Britz Reinders, President Hon., ICID, South Africa</i> • Curtain raiser to World Irrigation Forum 4 – <i>A short film</i> • Turning common challenges of agriculture and irrigation sectors into opportunities by <i>Dr. Marco Arcieri, President, ICID, Italy</i> • KHETTARA: A hydraulic heritage systems at risk – conservation strategy by <i>Prof. El Houssine BARTALI, Association Nationale des Ameliorations Foncières, de l'Irrigation (ANAFIDE), Morocco</i> • New Technologies for irrigation management using thermal satellites by <i>Prof. Wim Bastiaansen, The Netherlands</i>
15.30-16.00	Tea/Coffee Break
16.00-17.30	Harmonizing WFE Nexus: Strategies for Sustainable Water Resource Management: Keynote Addresses <ul style="list-style-type: none"> • Modernisation of Irrigation Sector in Indian context by <i>Vivek Kapadia, Ex Secretary, WRD, Government of Gujarat</i> • Water Security - Indian Perspective by <i>Yogesh Paithankar, Member (WP&P), Central Water Commission</i> • Achieving India's water security through MCAD Program by <i>Anuj Kanwal, Commissioner (CADWM), MoJS</i> • Balancing WFE Nexus: Policy prescriptions for Sustainable Management by <i>Yugal Joshi, Programme Director, NITI Aayog</i> • Harmonising Synergies of Water-Energy-Food Nexus for Sustainable Water Management by <i>Alok K. Sikka, Country Representative – India & Bangladesh, IWMI</i> • Managing Water, Land, Energy and Food Nexus for Sustainable Water Resources Management by <i>M. Dinesh Kumar, Executive Director, IRAP</i> • A Decision Support System Approach for Recommending Best Resource Management Plans for Sustained Agricultural Production from Salt Affected Agricultural Lands and Irrigation Waters by <i>Dr. Ravinder Kaur, Principal Scientist, IARI</i> • India's Irrigation Needs Under Climate Change by <i>Prof. Vimal Mishra, IIT Gandhinagar</i>

25 JUNE 2025 (WEDNESDAY)

HOURS	PARTICULARS
09.30-11.00	Technical Session 1: Technological developments and scientific innovations in irrigation sector <ul style="list-style-type: none"> • Modernization of Irrigation Systems - Improvements in conveyance efficiency by <i>Amit Kapuria, Sr. G.M, Rungta Steel Limited</i> • Presence and Capabilities of L&T in Irrigation Sector by <i>Devanand S, Head - Large Water Systems, L&T</i> • Cropping pattern based value creation of few major irrigation projects in India by <i>S.P Jadhav, Sr. Vice President, Jain Irrigation Systems Ltd</i>

HOURS	PARTICULARS
	<ul style="list-style-type: none"> • Low Gestation, Least Life Cycle Cost Pumping Stations by <i>Abhinaya J Patel by Chairman & Managing Director, Aqua Machineries Pvt. Ltd.</i> • Jain Logic - Agtech Solutions for Community Irrigation Projects by <i>Abhijit Joshi, Vice President, Jain Irrigation Systems Ltd.</i> • Solutions For Modernizing Irrigation Canals by <i>Shashidhar Pasupulati / Venkata Kowshik, Rubicon Equipment India Pvt. Ltd</i> • Subsurface Drip Irrigation with AI based solutions for precise water management in sugarcane by <i>Lalbahadur B. Joshi, Assistant General Manager, Rivulis Irrigation India Private Limited</i> • From Reservoir to Root: Transforming Irrigation with Digital Technologies by <i>Nikhilesh Kumar, Vassar Labs</i>
11.00-11.30	Tea/Coffee Break
11.30-13.00	Technical Session 2: Remote Sensing and Geo-spatial applications in Irrigation Sector <ul style="list-style-type: none"> • Reviving Punjab's lifelines: restoration of the canal system by <i>Gagandeep Singh Gill, SE, WRD, Punjab</i> • Effectiveness of IoT based smart irrigation system in water conservation: a case study of Bangalore rural district, Karnataka - An Atal Jal Initiative by <i>Dr. Sharath Raj B and Dr. Sheffi Ullah</i> • Application of thermal UAV monitoring for evaluating irrigation efficiency in maize production by <i>Nikolett Éva Kiss, Andrea Szabó, Sándor Kun, Erika Budayné Bódi, László Radócz, János Tamás and Attila Nagy</i> • The Effect of Precision Irrigation on Soil Moisture Dynamics by <i>Sándor Kun, Andrea Szabó, Nikolett Éva Kiss, János Tamás, Attila Nagy</i> • Performance Evaluation of Irrigation System Using RS and GIS – A Case Study of Nepal by <i>Sandeep Kumar Chourasia, Sunil K.C., and Ashish Pandey</i> • Utilizing high-resolution UAV imagery for estimation of soil moisture in hilly agricultural environments by <i>Rotash Kumar, Khemraj Niroula, Aman Karki, Kritika Kothari, Sumit Chaudhary and Ashish Pandey</i> • Soil health monitoring and improvement technique for sustainable agriculture by <i>Dr. Shivaji Sangle, Dr. Pradeep Bhalage, Ms. Shivani Sangle</i> • Design and Development of an IoT-Enabled Soil Moisture Sensing System for Irrigation Scheduling by <i>Ajit Kumar Nayak, A Sarangi, Sanatan Pradhan, S.K. Rautaray</i> • Improvement in Irrigation planning and practice by <i>Arvind Kumar, Joint VP & Head (Sales & Marketing), Rungta Mines Ltd.</i>
13.00-14.00	Lunch
14.00-15.30	Technical Session 3: Inclusive Water Management for Sustainable Irrigation Development <ul style="list-style-type: none"> • <i>Bihar's Initiatives Towards Inclusive Water Management for Sustainable Irrigation Development</i> by <i>Awdhesh Kumar Sinha, SE, WRD, Bihar, Amrendra Kumar, SE, WRD, Bihar and Peasant Kumar, SE, WRD, Bihar</i>

HOURS	PARTICULARS
	<ul style="list-style-type: none"> • Need for Inclusive Water Resources Management for Successful Irrigation Development by <i>Dr. Rajendra Poddar, Former Director, WALMI Dharwad, Karnataka</i> • Land Drainage Elusive in the Development of Irrigation Infrastructure by <i>Dr. Man Singh, Former Project Director, ICAR-IARI, New Delhi</i> • Maharashtra Initiatives towards inclusive Water Resources Management by <i>Dr. Sanjay Belsare, Secretary, Command Area Development, and Rajesh Gowardhane, SE, WRD, Maharashtra</i> • Inclusive and Equitable Water Management through Farmer led Water User Cooperative Society (WUCS) Practices by <i>Ravi Kumar, Secretary, WUCS, Kage Kodamagge, Gondi Project, Karnataka</i> • Modernisation and advancements in technology for irrigation services by <i>Dr. Shivaji Sangle, Former Member, Maharashtra Water Resources Regulatory Authority (MWRRA)</i> • WSAFE-NBS Phytoecoremediation: A Nature-Based Solution for Disease, Pest and Weather Resilient Farming by <i>Atul Mohan, Co-Founder, WSAFE Sustainability Services Pvt Ltd</i> • Lift irrigation – Re-Engineering of Irrigation Projects in Telangana State by <i>Dr. M.K Sinha, Former Chairman, Godavari River Management Board & Central Water Commission</i>
15.30-16.00	Tea/Coffee Break
16.00-17.20	Technical Session 4: Climate-Smart Irrigation and Agricultural Practices <ul style="list-style-type: none"> • Institutional Strengthening and Capacity Building of Water Users Cooperative Societies in Gondi & Vijayanagara Channels under KISWRMIP assisted by ADB by <i>Rajesh Amminabhavi, MD, KNNL, GoK and Doraiswamy R. Team Leader, KISWRIMP</i> • Water Use Efficiency Enhancement through SCADA-Enabled Pressurized Irrigation Networks from Reservoir to Farm by <i>Vikas Rajoria, APD cum Administrator & Shubhankar Biswas, APD, PMU, MPWRD</i> <ul style="list-style-type: none"> ❖ <i>Message from Ms. Cristina Clemente Martinez, DG, Irrigation Department, Ministry of Agriculture, Spain – through video conference</i>
16.30-16.40	<ul style="list-style-type: none"> • Himachal Pradesh Subtropical Horticulture, Irrigation and Value Addition Project (HPSHIVA) by <i>Dr. Rajeshwar Parmar, Deputy Project Director, Dept. of Horticulture, HPSHIVA</i> • Implementation of a Decision Support System (DSS) in the Vennar Sub-basin, Cauvery Delta Project by <i>R. Thayalakumar, PD cum Chief Engineer, WRD, Trichy and Srivinas Rao, DSS Expert, Canarys Ltd.</i> • Climate Smart Irrigation Management Solutions by <i>Milind Murudkar, Managing Director, Saisanket</i>
17.20-17.30	Felicitation of Supporters
17.30-17.35	Concluding remarks by <i>Dr. Marco Arcieri, President, ICID</i>
17.35-17.40	Vote of thanks by <i>Dr. R.K. Gupta, Secretary General, ICID</i>

