

ICDS-2026 Sessions and Speakers

Day	Session Name	Speakers
FIRST DAY (13.02.2026)	Inaugural Session <i>(09.30 am to 11.00 am)</i> J.N. TATA AUDITORIUM SEMINAR HALL	<ol style="list-style-type: none"> 1. Welcome Address by ACS, WRD, Karnataka 2. Address by Regional Vice President, The World Bank 3. Launching of Dam Safety Chat Bot of ICED, IIT R 4. Address by Hon'ble Deputy Chief Minister, Karnataka 5. Launching of Water Data Visualization Portal of NWIC 6. Addresses by Hon'ble MoS, MoJS, GoI & Message of Hon'ble Union Minister, MoJS (Recorded) 7. Release of Publications of ACIWRM, Karnataka & Guidelines published by CWC on Design Flood Estimation. 8. Address by Hon'ble Chief Minister, Karnataka 9. Vote of Thanks (DoWR, MoJS)
	Plenary Session <i>(11.30 am to 01.00 pm)</i> J.N. TATA AUDITORIUM SEMINAR HALL	<ol style="list-style-type: none"> 1. Plenary address by Sh. D.K.Sharma, President, ICOLD 2. Indo Canadian Collaboration in Dam Safety Management - Mr. Eelco Hendrik Jager, Minister Commercial, High Commission of Canada 3. Journey of Dam Safety in India and Role of DRIP in meeting Dam Safety Challenges – Mr. Anupam Prasad, Chairman, CWC 4. Dam Safety under Non Stationarity- Prof. Toshio Koike, Executive Director, ICHARM, Japan 5. Managing Storages in the context of Climate Change – Ms. Eileen Burke, Global Lead for Water Resources, The World Bank 6. Dam Safety Management in Maharashtra – Mr. Deepak Kapoor, ACS, WRD Maharashtra 7. Dam Safety Management in Karnataka– Dr. P.S.Rao, Director (Technical) ACIWRM Bengaluru, GOK.
	Name of Chair	Sh. D. K. Sharma, President, ICOLD
	Name of Co-Chair	Dr. Dina Umali-Deiningner, Regional Practice Director, Planet Department, South Asia, World Bank.
	Session In charge	Sh. Rakesh Kashyap, Chief Engineer, DSO, CWC

Day	Session no.	Session Name	Speakers
FIRST DAY (13.02.2026)	Technical Session -1 (02.00 pm to 03.30 pm) J.N. TATA AUDITORIUM SEMINAR HALL	International and National Regulatory frameworks for Dam Safety	1. Implementation of Dam Safety Act - 2021 and Initiatives Taken -Sh. Anil Jain, Chairman NDSA 2. Japan Frameworks and Regulations for Dam Safety- Sh. Michio Ota, Adviser, Japan Water Agency, Sh. Hisashi Mitsuhashi, Senior Water Resource Specialist, World Bank and TSUDA Morimasa, Assistant Director, Japan Water Agency 3. Dam Safety Regulatory Mechanism in NSW Australia- Sh. Paul O Connor, Chair-Dam Safety NSW, Australia and Sh. Hetal Parmar, Head of Asset Management and Planning, Australia 4. International and National Regulatory Frameworks for Dam Safety: A Comparative Review and Emerging Challenges, Dr. Pillai, Prof of Practice, ICED, IIT Roorkee
			Name of Chair Sh. Anupam Prasad, Chairman CWC
			Name of Co-Chair Dr. Sumila Gulyani, Practice Manager, South Asia Region
			Session In charge Sh. Somesh Kumar, Director, Emb (N&W), CWC
	Industrial Session -1 (4:00 pm to 05.30 pm) J.N. TATA AUDITORIUM SEMINAR HALL	Innovations in Structural Health Assessment of Dams and Rehabilitation Materials	1. Structural Health Monitoring of Dams - Prof Bagchi, Concordia University, Canada 2. NDT Techniques for Dam Safety Evaluation-Dr. Manish Gupta, Scientist E, CSMRS 3. Integrated Geophysical Approach for Structural Health Assessment of Dams – Dr. Sanjay Rana, Parsons 4. M/s Dynasoure Concrete Treatment Pvt. Ltd. (Sponsor)- A Underwater Strengthening and Waterproofing of Ageing Masonry and Concrete Dams - Mr Rajesh Pandey (Managing Director) 5. Jindal Stainless Limited (Sponsor) -High Strength Stainless Steel for Enhancing Dam Longevity and Structural Integrity for Sustainable Dam Infrastructure
			Name of Chair Prof Bagchi, Concordia University, Canada
			Name of Co-Chair Sh. K. Jaiprakash, Secretary to Govt (Rtd) - Water Resources & Currently Technical Advisor to the Hon'ble Deputy Chief Minister-Karnataka
			Session In charge Sh. Amit Ranjan, Director Gates E&NE, CWC

Day	Session no.	Session Name	Speakers	
SECOND DAY (14.02.2026)	Technical Session - 2A (9:30 am to 11.00 am) J.N. TATA AUDITORIUM SEMINAR HALL	Ageing Dams: State of Art Rehabilitation Practices	1. Compatibility-Driven Rehabilitation for Ensuring Resilience in Aging Dam Structures- Dr. J Chandrashekhar Iyer, Former Chairman, CWC 2. Innovative Solutions to Dam Rehabilitation- Case Studies of Various Countries -Sh.Thomas Edward Bryant, Senior Dam Specialist, World Bank. 3. Kariba Dam Rehabilitation Project (KDRP)-Plunge Pool Reshaping Project to Enhance the Dam's Operational Efficiency - Sh. Britius Mupeyo, Zambezi River Authority. 4. Construction Technology and Quality Control for Rockfill Dams for Irrigation and Pumped Storage Projects in India - Sh. Uday Bhanu Chakraborty, Scientist C, CSMRS. 5. Rehabilitation of 136 sluice gates with SCADA System Integration at Krishnaraja Sagara Dam under the DRIP Project - Sh. Kishorekumar, AEE, WRD, Karnataka 6. Rehabilitation of Dams: Structured Approach –Sh. Jainender Kardam, SMEC (EMC-DRIP)	
			Name of Chair	Dr. J. Chandrashekhar Iyer, Former Chairman, CWC
			Name of Co-Chair	Dr. R. Chitra, Director, CSMRS
			Session In charge	Sh. Manish Rathore, Director, HCD (NW&S), CWC
	Technical Session - 2B (9:30 am to 11:00 am) SEMINAR HALL- A	Sediment Management in Reservoirs	1. Beneficial Reuse of Dredged Sediments in Agriculture -Dr. Gireesh N Maraddi, Director, WALMI, Karnataka 2. Satellite-Derived Bathymetry (SDB) for Reservoir Capacity Estimation – Dr. Selva Balan, Additional Director, CWPRS 3. Standard Operating Procedure on Desilting of Reservoirs- Sh. Suresh Kumar, Dredging Corporation of India 4. Impact of GLOF-Induced Sedimentation and Restoration Measures at Teesta Low Dam Stage- III Power Station - Ms. Shashi Prasad, NHPC 5. Integrated Watershed Management for Sediment Management up to Sub- Basin level - Sh. Piyush Kumar. DD, CWC RESERVE- Sustainable Sediment Management for Reservoir Operation and Dam Safety – Dr. Ajay Kumar Pradhan, KIIT University	
			Name of Chair	Sh. Yogesh Paithankar, Member WP&P, CWC
			Name of Co-Chair	Shri Aijaz Hussain, Secretary WRD (Rtd),Govt.of Karnataka
			Session In charge	Sh. Sudipto Mondal, Director, D&R(C), CWC

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SECOND DAY (14.02.2026)	Technical Session - 3A (11:30 am to 1:00 pm) SEMINAR HALL- A	Risk informed decision making for Safe Dams	<ol style="list-style-type: none"> 1. Risk Informed Planning for Dams - Sh. Hetal Parmar, Head of Asset Management and Planning, Australia 2. Demonstration Risk Screening Tool and Simplified Dam Break Analysis and Hazard Assessment tool- Sh. Rishabh Vijayvergiya, DD, NDSA & Sh.Murugesh Prabhu, CDAC 3. Progressive Seismic Performance Evaluation of Gravity Dams - Sh. Shamik Singha Roy, SMEC 4. Risk-Informed Spillway Capacity Assessment Under Non-Stationary Flood Regimes Incorporating Dam- Break Consequences – Ms. Reshma R, Research Scholar, IIT Madras 5. Optimal Intensity Measures for Seismic Response of Embankment Dams and Dam Damage Intensity Scale for Damage Classification of Embankment Dams- Sh. Surya Prakash, Research Scholar, IISc <p>RESERVE: Rapid Estimation of Dam-Breach Inundation Extents for Emergency Action Plan Development - Dr. Ashoke Basistha, SMEC (EMC-DRIP)</p>
		Name of Chair	Dr. Sandeep Singhal, MD, UJVNL
		Name of Co-Chair	Sh. Paul O Connor, Chair-Dam Safety NSW, Australia
		Session In charge	Sh. Narendra Singh Shekhawat, Director, HCD(N&W), CWC
	Technical Session - 3B (11:30 am to 1:00 pm) J.N. TATA AUDITORIUM SEMINAR HALL	Hydrological Safety of Dams & Coordinated operation of Reservoirs for Flood Management	<ol style="list-style-type: none"> 1. Cascade Operation of Dams in Krishna Basin by Karnataka and Andhra Pradesh in collaboration with Japan, CPMU, DRIP & States 2. Coordinated Operation of Reservoirs for Flood Management- Prof. Mohamed Rasmy, Senior Researcher, ICHARM, Japan 3. Research and Development Needs of the DRIP Project Related to the Improved Hydrological Safety of Dams for Flood and Drought Management - Dr. Nesa Ilich, International Expert 4. Evaluating and Reducing Uncertainty in Hershfield Method– Based Probable Maximum Precipitation: Case Studies from Indian River Basins – Dr. Manikanta Velpuri, DST INSPIRE Faculty, IISc Bangalore. 5. Application of the National Hydrological Model–India (NHM-I) for Basin-Scale Hydrological Assessment and Reservoir Operations in the Tungabhadra Basin <p>- Hydrological Modeling and Forecasting for Dam Safety – Sh. Teju Kumar, ACIWRM</p> <p>RESERVE: Hydrology Outlook for Operational Water Management of Dams: Integrating Observations, Forecasts and Hydrological Models – Dr.Shashi Kumar M, ACIWRM, Karnataka</p>
		Name of Chair	Ms. Eileen Burke, Global Lead for Water Resources, World Bank
		Name of Co-Chair	Sh. K.G. Mahesh, Director, KERS, Karnataka
		Session In charge	Sh. Ravi Ranjan, Director, Hydrology, CWC

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SECOND DAY (14.02.2026)	Technical Session - 4A (2:00 pm to 3:30 pm) SEMINAR HALL- A	Dam Failure Case Studies: Lessons Learnt	<ol style="list-style-type: none"> 1. Dam Failure Case Studies Darna, Syria- Thomas Edward Bryant and Dr. Raj Gopal, Sr. WRM Specialist World Bank 2. Case Study of Karam Dam Failure- Lessons Learnt- Sh. Vivek Tripathi, CE, CWC 3. Implementation of Emergency Action Plan -Sh. Anup Karanth, Senior DRM Specialist, World Bank and Dr. Raj Gopal, Sr. WRM Specialist, World Bank 4. A Preventable Breach: Lessons from the Luti Dam Failure; Why Risk Screening and Routine Inspections Failed to Prevent the Catastrophe – Sh. Rohit Gupta, DD, NDSA 5. A Case Study of Distress Analysis in Anaikuttam Dam and Possible Remedial Measures -Ms. M Malini Preetha, AE, TNWRD Reserve: Protecting Deduru Oya and Rajanagnaya Reservoirs under Severe Cyclone Conditions-Sh. HMPSD Herath, Director Water Management, Irrigation Department, Sri Lanka
		Name of Chair	Sh. Reading Shimray, Member D&R, CWC
		Name of Co-Chair	Sh. HMPSD Herath, Director Water Management, Irrigation Department, Sri Lanka
		Session In charge	Sh. Samarth Agarwal, Director, CMDD(N&W), CWC
	Industrial Session - 4B (2:00 pm to 3:30 pm) SEMINAR HALL- B	Advances in Dam Safety Monitoring System	<ol style="list-style-type: none"> 1. Dam Instrumentation – Evaluation of Real-Time Data and Sensor Performance for Dam Safety Monitoring - Ms. S. Shenbagadevi, TNWRD 2. DHARMA: The Digital Platform for Comprehensive Dam Safety Management of Specified Dams in India under the Dam Safety Act, 2021 – Sh. Narendra Kumar Meena, NDSA 3. Integrated Dam Health Monitoring Through Risk Assessment -Sh. Thonte Suresh, Telengana 4. SPONSOR 5. SPONSOR RESERVE: IoT-Enabled Fiber Optic Sensor System for Dam Health Monitoring -Sh. Hanegaonkar Mohammed Awais, CWPRS
		Name of Chair	Prof. Ananth Ramaswamy, Head, ICED, IISc
		Name of Co-Chair	Dr. Selva Balan, Additional Director, CWPRS
		Session In charge	Sh. Ashish Kumar, Director, Instrumentation, CWC

SECOND DAY
(14.02.2026)

Valedictory
(03.30 pm to 04.30 pm)

J.N. TATA AUDITORIUM SEMINAR HALL