

WATER-TECH 2023

"Transforming Water Management with Cutting-Edge Technology: Within & Beyond"

10 -11 August 2023, Hote LaLit, New Delhi

Agenda

1000 - 1100 hrs. Theme Setting: Inaugural Session	
1000 – 1010 hrs	<p>Opening Remarks & Context Setting</p> <p>Shri Ajay Popat Conference Chairman & Chair, Core group on New and Cutting-Edge Technologies for Wastewater Management CII National Committee on Water & President, Ion Exchange (India) Limited</p>
1010 – 1025 hrs	<p>Address</p> <p>Dr Parveen Arora Head – Water Technologies Cell Department of Science & Technology Ministry of Science and Technology</p>
1025 – 1045 hrs	<p>Special Address</p> <p>Shri G Asok Kumar Director General National Mission for Clean Ganga Ministry of Jal Shakti Government of India</p>
1045 – 1100 hrs	<p>Concluding Remarks & Vote of Thanks</p> <p>Dr Kapil Narula Executive Director CII-Water Institute</p>
1100 – 1130 hrs	Tea & Networking

1130 – 1300 hrs.	Disruptive Technologies for Water and Wastewater Management	
	<p>Wastewater is a resource, often termed as “new water”. Rapid increase in installed manufacturing capacity along with population poses a two-fold challenge- demand-supply gap and wastewater management. Treating effluents to meet discharge standards is no longer an option. Improvements are essential in wastewater treatment technologies to purify industrial as well as municipal wastewater to a quality suitable for reuse in industry as well as agriculture. Technologies also need to be energy efficient and low-cost, for scalability. Emerging technologies and integration of IoT in wastewater treatment plants can help in mitigating the challenges in managing wastewater as India moves forward with its development agenda.</p> <ul style="list-style-type: none"> • Advanced Water Treatment • Internet of Things (IoT) for Water Management • Data analytics and predictive modeling • Remote monitoring and control 	
1130 – 1135 hrs	Moderator	Mr Kandarp Kishore Shivpuri Counsellor CII – Water Institute
1135 – 1145 hrs	Address	Ms Debra Martin Acting Deputy Senior Commercial Officer U.S. Commercial Service Embassy of the United States of America
1145 – 1157 hrs	Integration of IoT for Improving Performance of Water Assets	Mr Deeraj Kumar Director Marketing Nalco Water, An Ecolab Company
1157 – 1209 hrs	Digital Transformation of Industrial Water and Waste Solution Plants	Mr Amit Kulkarni Lead – Control and Automation, Digital Transformation in Water and Waste Solutions Thermax Limited
1209 – 1221 hrs	Digital Water Solutions	Mr Rohit Nair Dy GM – Technical Service Industrial Chemical Division Ion Exchange (India) Ltd
1221 – 1233 hrs	Disruptive Technologies and Solutions for Wastewater Treatment and Recycling	Mr Turbaashu Bhattacharya Business Unit Head Roserve Enviro Pvt Ltd
1233 – 1245 hrs	Technologies for Brine Management	Mr Sarvesh Ashok Manager (Marketing) Gradiant, USA
1245 – 1300 hrs	Q & A and Summing up by the Moderator	

1300 – 1400 hrs.	Networking Lunch	
1400 – 1500 hrs	Emerging Contaminants: Technologies for Measuring, Monitoring & Controlling	
	<p>Most emerging pollutants are not regulated in environmental, water quality and wastewater discharge norms. Hence, there is an urgent need to strengthen scientific knowledge, adopt appropriate technological and policy approaches to monitor emerging pollutants. To assess their potential risk on human health and environmental necessitates accelerating the pace of research on emerging contaminants and shifting to the use of biodegradable chemicals. This session will focus on-</p> <ul style="list-style-type: none"> • Need for Standards for Emerging Contaminants • Advanced analytical techniques for monitoring of Emerging Contaminants • Impact on human health 	
1400 – 1405 hrs	Session Moderator	Ms Shilpa Nischal Principal Counsellor CII – Water Institute
1405 – 1415 hrs	Monitoring and control of Pharmaceutically active compounds and personal care products in water environment	Prof. Ligy Philip (virtual) Dean, Planning Nita and KG Ganapathi Chair Professor Department of Civil Engineering Indian Institute of Technology Madras
1415 – 1425 hrs	Emerging Contaminants in Water – Measuring & Monitoring	Mr KVSN Raju President Elico Group
1425 – 1435 hrs	Water Technology Challenges and approaches in the Netherlands	Prof. Eelco Van Beek Senior Strategic Advisor Indo-Dutch Water Partnership
1435 – 1445 hrs	Forever Chemicals- PFAS Litigation, Regulations, Analysis and Treatment	Dr N Anbananthan Executive Vice President Ion Exchange (India) Ltd
1445 – 1455 hrs	PFAS Removal	Mr Niranjan Sinha Business Development Head – India Chart Industries
1455 – 1500 hrs	Q & A and Summing up by the Moderator	

1500 Onwards	Tea (To be served during the Session)	
1500 – 1645 hrs	Financial Sustainability and Successful approaches/people participation for water supply and Wastewater management.	
1500 – 1510 hrs	Welcome Address	Mr Madhav Kejriwal Whole Time Director Electrosteel Castings Limited
1510 – 1520 hrs	Session Moderator	Dr Kapil Narula CEO and Executive Director CII Water Institute
1520 – 1540 hrs	Planning & Implementation of 24x7 Water Supply for achieving financial Sustainability	Dr M Dhinadhayan Advisor, CPHEEO Ministry of Housing and Urban Affairs Government of India
1540 – 1555 hrs	Danish Perspective on Sustainable management of Water Supply Networks	Mr Søren Nørrelund Kannik-Marquardsen Commercial Counsellor Head of the Trade Council New Delhi & Regional Coordinator South Asia Embassy of Denmark
1555 – 1610 hrs	Reduction of National NRW and NRW Management	Mr Roop Mukherjee Technical Expert – Wastewater and NRW & Entrepreneur Water360
1610 – 1625 hrs	Water efficiency in its usage and re-use of wastewater.	Mr A Naushad Retd. Suptd. Engineer Kerala Water Authority
1625 – 1645 hrs	Q & A and Summing up by the Moderator	

1645 – 1815 hrs	Digital – IoT Based solutions	
	<p>The role of digital technologies and data analytics in water management, including the use of sensors, satellite imagery, and machine learning to improve water distribution, monitoring, and governance.</p> <ul style="list-style-type: none"> • SCADA • Role of AI • Digital Twins • Smart Water Network 	
1645 – 1652 hrs	Session Moderator	Mr Ajay Popat Conference Chairman & President, Ion Exchange (India) Limited
1652 – 1704 hrs	Digital Technologies for Smart Water Network Management	Mr Prateek Khattri Lead Business Development Siemens Ltd., India
1704 – 1716 hrs	Digital - IoT solutions with AI ML	Ms Nishita Parte Digital CoE - India Leader Veolia Water Technologies & Solutions
1716 – 1728 hrs	Realtime monitoring of Ground Water in Delhi	Mr Anil Bharti Additional Chief Engineer Water Bodies and Innovation Cell Delhi Jal Board
1728 – 1740 hrs	Improving Operational Efficiency through Digital Technologies	Mr Manmohan Prajapat Consultant ITRON India Pvt Limited
1740 – 1752 hrs	IoT Based Solution for Leak detection	Mr Tony Gwynne (virtual) Leakage Solutions Sales Director Ovarro – UK
1752 – 1815 hrs	Q & A and Summing up by Moderator	
1815 Hrs	Networking Hi-Tea	

Day – 2 : 11 August 2023, New Delhi

1000 – 1015 hrs.	Welcome & Summary of Day 1 by Mr Ajay Popat	
1015 - 1130 hrs.	Waste to Wealth: Good Practices	
	In this session, we will be focusing on unlocking opportunities for sustainable resource recovery, by exploring the concept of waste to wealth and discuss how wastewater management practices can be transformed into sustainable and resource-efficient solutions. We will delve into innovative approaches, technologies, and business models that can help unlock the value in wastewater streams and its role in achieving a circular economy and sustainable development, as well as the highlighting the potential of transforming the cities through the idea of “What a Waste!”.	
1015 – 1020 hrs	Moderator	Mr Sanjay Gupta Senior Counsellor CII Water Institute
1020 – 1032 hrs	Importance of Frameworks leading to a roadmap for good practices	Ms Aditi Haksar Counsellor – Head Projects CII Water Institute
1032 – 1044 hrs	Water- Energy nexus	Mr Mehul Chawla Business Leader Heavy & Managed Operations India Nalco Water, An Ecolab Company
1044 – 1056 hrs	Swedish Perspective and Case Studies	Ms Rupali Deshmukh (virtual) Country Manager (INDIA) Business Development and Marketing IVL Swedish Environmental Research Institute
1056 – 1108 hrs	Approach towards Waste Water Management	Mr Sanjeev Kumar Jha Executive In Charge – Water & Wastewater Services TATA Steel Utilities and Infrastructure Services Limited
1108 – 1120 hrs	Innovative Solutions from Hydranautics for challenging waste waters	Mr Madhusudan Joshi Manager Technical Support Hydranautics – A Nitto Group Company
1120 – 1130 hrs	Q & A and Summing up by Moderator	
1130 - 1200 hrs.	Tea & Networking	

1200 – 1330 hrs.	Dealing with residuals from water and Wastewater Treatments – Water & Wastewater treatment residuals contain a variety of trace amounts of metals, suspended solids, organic chemicals, and biological particles. Thus, it is imperative to look at water & wastewater and residual management as related issues, requiring an integrated solution. The cost of managing residual can be one of the most significant operating costs incurred by water or wastewater treatment systems. In the contemporary context, where the boundaries between 'waste' and 'resource' are becoming less distinct, this session will focus to bring value out of waste streams, by encouraging discussions around collaborative economy sectors, by the examination of innovate business models and encouragement of consumer awareness and behavioral shifts. The session will focus on	
	<ul style="list-style-type: none"> • Salt & Sludge Management • Innovative Technologies for reutilization of salt or sludge • Economic and Environmental Considerations for Residuals Management 	
1200 – 1205 hrs	Moderator	Dr Kapil Narula CEO and Executive Director CII Water Institute
1205 – 1215 hrs	Address	Mr Marcus Heincke (virtual) Business Development Manager Primozone Production AB
1215 – 1225 hrs	Approach for pollution prevention and efficient water use in leather tannery clusters	Ms Annemiek Smits (virtual) Corporate Partnerships Manager – (textiles, leather and cotton) Solidaridad (Netherlands)
1225 – 1235 hrs	Management of Hazardous Waste from the CETPs of Delhi	Dr Raman Sharma Principal Scientist / AcSIR Faculty CSIR-NEERI
1235 – 1245 hrs	Potential application areas for unique heat pump system	Mr Dhiren Desai Head - Solutions Eurotec Engineering Corporation
1245 – 1255 hrs	Address	Ms Ulla Chowdhury (virtual) Director & Founder Aqua-Q
1255 – 1315 hrs	Q & A and Summing up by Moderator	
1315 hrs onwards	Lunch and Close	

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