



Program Schedule

XIV World Aqua Congress – International Conference & Exhibition 2020

Theme: Water and Climate Change

October 29-30, 2020, Virtual Event

Day-1, October 29, 2020

0900-1000	Online Registration/ Orientation to Virtual Event- Auditorium-1
1000-1145	Inaugural Function & Award Ceremony <ul style="list-style-type: none">• Welcome Address by Dr. Sanjay Rana, Chairman, Aqua Foundation• Address by Shri U P Singh, Secretary, Ministry of Jal Shakti, Govt. Of India• Address by Shri Ashwini Vaishnaw, Member of Parliament, Rajya Sabha• Aqua Foundation's Excellence Award Ceremony• Vote of Thanks by Praggya Sharmaa, Secretary General, Aqua Foundation
1145-1215	Inauguration of Exhibition
1215-1430	Plenary Session-1: Auditorium-1 <ul style="list-style-type: none">• Global Water Crisis-Agriculture and Food Security in the Era of Climate Change- <i>Shri A B Pandya, Secretary-General, ICID-CIID and Ex-Chairman, Central Water Commission</i>• Water Governance- Recourse to Strategic Management through Decentralised Stakeholder Inclusive Institutions- <i>Dr. B R K Pillai, Commissioner, Command Area Development, Ministry of Jal Shakti, Govt. Of India</i>• Climate Change: Emission of Green House Gases and Co2 Sequestration In Deep Saline Aquifers - <i>Dr. D K Chadha, Former Chairman, CGWA/CGWB and Chair Prof & Chairman, Manav Rachna International University</i>• Importance of Water Accounting in Indian Perspective- <i>Er. Vivek P Kapadia, Secretary to Government of Gujarat and Director, Sardar Sarovar Narmada Nigam, Gujarat</i>• Water Management- <i>Dr. P R Swarup, Director General, Construction Industry Development Council, New Delhi</i>
1430-1445	Visit to Exhibition Area/ Networking Area
1445-1615	Technical Session-1: Auditorium-1 Theme- Water and Climate Change Theme Sponsor: RMSI Pvt. Ltd. Session Chair: Shri A B Pandya, Secretary-General, ICID-CIID and Ex-Chairman, Central Water Commission <ul style="list-style-type: none">• Tech Talk: Impact of Climate Change on Water Resources in India- <i>Dr. Pratap Singh, Water Resources Expert and AVP – Sustainability RMSI Pvt. Limited</i>• Building Climate Change Resilient Tribal Communities through Water Management and Ecosystems - <i>Dr. Sarika Kulkarni, Director, Raah Foundation, Mumbai</i>• Global Warming, Climate Change and Water Resources - <i>Indu Gupta Founder & Secretary, PRASAR, Moradabad</i>

For any query contact: Praggya Sharmaa (Ms.), Organizing Secretary- XIV WAC 2020

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	<ul style="list-style-type: none"> • Ferrocement Technologies: Helping in Villages Transformation in Hilly / Undulating Terrain in India - <i>Sunil Kumar Shrivastava, Head, Water Security, Reliance Foundation, Mumbai</i> • Climate Change Impact at Local Level- Uncertainty of Rainfall Events in Future - <i>Dr. N. Subash, Principal Scientist (Agricultural Meteorology) Cropping System & Resource Management(CSRM), & i/c AKMU (Agricultural Knowledge Management Unit)</i>
<p>1445-1615</p>	<p>Technical Session-2: Auditorium-2 Theme- Water Resources: Availability, Management, Quality Session Chair: Dr. D K Chadha, Former Chairman, CGWA/CGWB and Chair Prof & Chairman, Manav Rachna International University</p> <ul style="list-style-type: none"> • Need for Ensuring Water Quality Monitoring & Management to Combat with Outbreak and Pandemic in India - <i>Dr. Debasri Mukherjee, Senior Research Officer, SIGMA Foundation, Kolkata</i> • Groundwater Recharge Measures in Piedmont Deposits in Nainital District- A Key to Augmentation of Confined Aquifers of Ganga Basin – <i>Kiriti Bhushan Biswas, Former Chairman, Central Ground Water Board ; and Upendra Srivastava, Hydrogeologist in Central Ground Water Board (Retd)</i> • Ghogha Rain Water Harvesting Scheme in 82 villages of Bhavnagar, Gujarat - A Success Story 15 years After Completion - <i>F.R. Sherwani, Chief Engineer, WAPCOS Limited</i> • Changes in Organic Matter of Soil Due to Artificial Recharge of Groundwater (A Case Study of Some Areas of Palamudistrict, Jharkhand) <i>Dr. Shweta Mishra, Geologist, Ranchi University, Ranchi (Jharkhand) & Teacher, Jharkhand Government</i>
<p>1615-1630</p>	<p>Visit to Exhibition Area/ Networking Area</p>
<p>1630-1800</p>	<p>Technical Session-3: Auditorium-2 Theme- Water Resources: Availability, Management, Quality Session Chair: Prof. Shakeel Ahmed, M K Gandhi - Chair Professor, Department of Geography, Jamia Milia Islamia</p> <ul style="list-style-type: none"> • Geophysical Inputs for Groundwater Exploration Development and Management in Madhya Pradesh - <i>Dr Subhash Chandra Singh, Former Regional Director – CGWB and Member of Madhya Pradesh State Wetland Authority</i> • Iron, Arsenic and Manganese contamination in Shallow Aquifer of Uttar Pradesh State, India - <i>Kuldeep Gopal Bhartariya, Chemist (Scientist-B), Central Ground Water Board, Northern Region, Lucknow</i> • Effective Use of Detention Ponds to Augment Water Resources Along the Vrishabhavathi River- <i>Dr. Heragu Boregowda Balakrishna, Professor and Head, Department of Civil Engineering, Bangalore Institute of Technology</i> • Geogenic In-situ Contamination of Arsenic in Groundwater and its Geogenic Control in India- <i>Dr. Arunangshu Mukherjee, Department of Earth Sciences and Environment & Center for Advance Water Technology and Management, Manav Rachna International Institute of Research and Studies, Faridabad</i>

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Day-2, October 30, 2020

1000-1315	Plenary Session-2: Auditorium-1 <ul style="list-style-type: none">• Climate Change, Water Security and Role of Dams – <i>Shri Devendra Kumar Sharma, Chairman, Himachal Pradesh Electricity Regulatory Commission</i>• Dealing with Geological Uncertainties for Hydro Power Projects – <i>Dr. Gopal Dhawan, Founder, Dr. Dhawan Academy of Geologist Formerly, CMD, MECL, Executive Director, (Geo Tech) NHPC</i>• Sustainable Water Distribution for Atma Nibhar Bharat – <i>Surender Makhija, Strategic Advisor & Sr. Vice President, Jain Irrigation Systems Pvt Ltd, New Delhi</i>• Minimum Flows in the Rivers - <i>R K Khanna, Former Chief Engineer (Environment Management), Central Water Commission</i>• Cloud Based Irrigation Intelligence –Manna - <i>Dr. Sangita Ladha, Director -Business, Rivulis Irrigation India Pvt Ltd, Pune</i>• Integrated Scientific Approach in Water Budgeting for an Improved Management with Minimum Water Disaster – <i>Prof. Shakeel Ahmed, M K Gandhi - Chair Professor, Department of Geography, Jamia Milia Islamia</i>• National Perspective Plan (Npp) for Water Transfer with Particular Reference to Brahmaputra -Ganga Link - <i>Prof S K Mazumder, AICTE Emeritus Professor, Dean (Tech.), DU and visiting Professor at EPFL</i>
1315-1330	Visit to Exhibition Area/ Networking Area
1330-1445	Technical Session-4: Auditorium-1 Theme- Water for All- Action Plan Theme- Action Plan for Vulnerable & Over-Exploited Areas Session Chair: Shri Kiriti Bhushan Biswas, Former Chairman, Central Ground Water Board <ul style="list-style-type: none">• Equity in Access to Drinking Water and its Possible Improvement through Strengthening Water Governance - <i>Manab Roy, President, SIGMA Foundation, Kolkata, IAS (Retired)</i>• Role Of Good Water Governance to Improve Inclusiveness – <i>Vimala Ramesh (IAS), Mission Director, Jal Jeevan Mission, Govt. of Maharashtra</i>• Masterplan for Riverbank Filtration in India to Mitigate Climate Change - <i>Dr.-Ing. Cornelius Sandhu, Senior Researcher, University of Applied Sciences Dresden (HTW Dresden), Germany</i>• Analyze the Effect of Land Use Changes on Water Bodies for Protection of Water Bodies - <i>Sheilja Singh, Ph.D Scholar, School of Planning and Architecture, New Delhi</i>
1330-1445	Technical Session-5: Auditorium-2 Theme- Emerging Technologies in Water Sector Session Chair: Dr Madhusudan D. Chaudhari, Vice President, Business Development & Projects, Jain Irrigation Systems Pvt Ltd, Pune <ul style="list-style-type: none">• Tech Talk: Nualgi Process to Treat Sewage & Domestic Water from Houses & Apartments- <i>Sampath Kumar Thothathri, CEO, Nualgi Nanobiotech, Bangalore</i>• Implementation of River Bank Filtration Technology in Agra, India-

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	<p>Dr. Gopal Krishan, Scientist – C, National Institute of Hydrology (Ministry of Jal Shakti, Govt. of India), Roorkee</p> <ul style="list-style-type: none"> • Modelling Farmer Fertilizer Use for Soil & Water Quality Management: INRM Approach - Dr. Hema Diwan, Assistant Professor, National Institute of Industrial Engineering (NITIE), Mumbai • Seawater Desalination, A Reliable and Sustainable Solution – Sabarna Roy, Senior Vice President (Business Development), Electrosteel Castings Limited, Kolkata
1445-1500	Visit to Exhibition Area/ Networking Area
1500-1630	<p>Technical Session-6: Auditorium-1 Theme- Integrated Water Resources Management Session: Er. R K Khanna, Former Chief Engineer (Environment Management), Central Water Commission</p> <ul style="list-style-type: none"> • Desiltation Of Tungabhadra Reservoir- G.Naga Mohan, Secretary, Tungabhadra Board, Karnataka • Transfer of Water from Surplus to Deficit Basin in Maharashtra – Er. S.A Nagre, EX Member, Marathwada Development Board, Aurangabad (MS) • A Multidisciplinary Framework for Sustainable Water Resources Management -A Case Study of the Almatti-Pennar ILR Scheme – Aariz Ahmed, Research Scholar, National Institute of Advanced Studies, Bangalore • Climate Change Mitigation with Conservation Agriculture – Piyush Pradeep Bhalage, Research Scholar, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
1500-1630	<p>Technical Session-7: Auditorium-2 Theme- Emerging Technologies in Water Sector Session Chair: Dr. Gopal Dhawan, Founder, Dr. Dhawan Academy of Geologist ; Formerly, CMD, MECL , Executive Director, (Geo Tech) NHPC</p> <ul style="list-style-type: none"> • Application of Hydrodynamic Cavitation to Reuse Secondary Sedimentation Effluent from STP - Neha S. Baghele, Doctoral Research Scholar, S. V. National Institute of Technology, Surat • DEWATS as a Community Driven Solution for Managing Waste Water in India: A Review - Sohini Tarafdar Chatterjee, Research Officer, SIGMA Foundation, Kolkata • Detection and Prevention of Water Wastage and Pollution in Public Water Supply Chain: Challenges and Actions for Future – Swetaleena Panda, Founder, SANISA Research & Development Center, Odisha • Phytoremediation of Arsenic Contaminated Soil and Water – Dr. Neelam Phougat, Scientist – C, Central Soil and Materials Research Station, New Delhi • Water Circularity in Inbound and Outbound Programmes: A Case Study of Govardhan Ecovillage - Dr Aditi Vivek Mishal, Chief Sustainability Officer, Govardhan Ecovillage, Maharashtra
1630-1645	Visit to Exhibition Area/ Networking Area

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1645-1745	Technical Session-6- Auditorium-1 Theme- Financial, Institutional, Legal & Policy Issues Session Chair: Dr. P R Swarup, Director General, Construction Industry Development Council, New Delhi <ul style="list-style-type: none">• Volumetric Bulk Water Pricing System in Maharashtra, India – <i>Dr. Shivaji Sangle, Member, Maharashtra Water Resources Regulatory Authority</i>• Water Infrastructure: Investment and Financing in India - <i>Dr Sanjaykumar Phulchand Phad, Assistant Professor, SNTD Women’s University, Pune</i>• Jal Jeevan Mission- Technology for Economical Implementation – <i>P L Bongirwar, Former Principal Secretary, Public Works Department, Govt. of Maharashtra</i>
Concluding Session & Recommendations	

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