

Workshop

Sustainable Water Harvesting: Principles and Technologies

March 10-11, 2025; Online

Each session includes talk + Q&A

0930-1030	1030-1200	1200-1300	1500-1545	1545-1630	1630-1715
Welcome address and Introduction: K. Muralidhar	Sustainable water harvesting technologies, atmospheric water harvesting: Ramesh Narayanaswamy	Desalination vs. Atmospheric Harvesting: Jaichander Swaminathan (IISc)	Fog harvesting: Sohom Goswami	Solar desalination: Tarun Kulashreshta	Thermodynamics of phase change and water harvesting: Malay Das
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Interfacial vapor generation: Debartha Chatterjee	Condensation fundamentals, surface engineering, applications: Basant S. Sikarwar	Nanoengineered surfaces: Soumyadeep Sett (IITGN)	Evaporation fundamentals and ab initio modeling, droplet evaporation: Manish Bhendura	DST strategy on water and clean energy: Dr. Neelema Alam (DST)	Challenges and Conclusion + networking: KMD, RN, MKD, N. Alam (DST)