

International Consultation on Water: Augmentation of Supply and Management of Demand

on August 7-9, 2018 at MSSRF, Chennai

Draft Programme

Day 1

August 7, 2018

Inaugural Session

11.00 am	Invocation	
11.05 am	Welcome	Dr. Madhura Swaminathan Chairperson, MSSRF
11.10 am	MSSRF Annual Report Presentation	Dr. V. Selvam Executive Director, MSSRF
11.30 am	Special Address	<p>Dr. Sunita Narain Director General Centre for Science and Environment & Member, Board of Trustee, MSSRF</p> <p>Dr. Akhil Kumar, IAS Joint Secretary (IC&GW), Ministry of Water Resources, RD & GR, Government of India, New Delhi</p> <p>Mr. Rajiv Mittal Managing Director and Group CEO, VA Tech Wabag Ltd</p> <p>Dr. Anil Bhavarlal Jain Vice-Chairman, Managing Director & CEO, Jain Irrigation Systems Ltd, Jalgoan</p>
12.15 pm	Keynote Address	Dr. Harsh Kumar Bhanwala Chairman, NABARD
12.35 pm	Inaugural Address	Shri. Nitin Jairam Gadkari Hon'ble Minister for Road Transport & Highways, Shipping and Water Resources, River Development & Ganga Rejuvenation, Government of India
12.50 pm	Presidential Address	Prof. M.S. Swaminathan Founder Chairman, MSSRF

1.15 pm	Vote of Thanks	Dr. R. Rengalakshmi Organising Secretary
1.30–2.00 pm	Lunch	
Technical Sessions		
2.30–3.30 pm	Scenario of Water Resources at Global and National level: Past, Present and Future	
	Topic	Speaker
	Special Lecture	<ul style="list-style-type: none"> • Dr. Gilbert F. Hounbo Chair of UN Water and President, International Fund for Agricultural Development • Dr. M. Falkenmark Professor, Stocholm International water institute, Sweden • Mr. Satya Priya Senior Water Resources Management Specialist, World Bank • Ms. Vanitha Mohan Chief Functionary, Siruthuli, Coimbatore
3.30–4.00 pm	Tea/Coffee Break	
4.00–5.30 pm	Session I: Scenario of Water Resources and related impacts	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. K.C. Naik Chairman, Central Groundwater Board, Faridabad
	Current scenario of ground water levels in India	<ul style="list-style-type: none"> • Dr. Akhil Kumar, IAS Joint Secretary (IC&GW), Ministry of Water Resources, RD & GR, Government of India, New Delhi
	India's water supply and demand status	<ul style="list-style-type: none"> • Dr. Alok Kumar Sikka IWMI Representative – India, International Water Management Institute, New Delhi

	Water productivity mapping of major Indian crops	<ul style="list-style-type: none"> • Dr. Gayathri Mohan Consultant, Indian Council for Research on International Economic Relations, New Delhi
	Demand Management Vs Supply in India (Via SKYPE)	<ul style="list-style-type: none"> • Dr. Asit K. Biswas Distinguished Visiting Professor, Lee Kuan Yew School of Public Policy, National University of Singapore
	Discussion – 30 minutes	

Day 2**August 8, 2018**

9.30–11.00 am	Session II: Impact of Climate Change and on Water Resources	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Balaji Narasimhan Professor, Environment and Water Resources Engineering Division, IIT Madras
	Climate change impact on ground water dependant irrigation systems in Asia Pacific Region	<ul style="list-style-type: none"> • Dr. Xiaojun Wang Nanjing Hydraulic Research Institute, China
	Impact of Climatic and Anthropogenic Factors on Groundwater Irrigation in South India	<ul style="list-style-type: none"> • Dr. R. Balasubramanian Professor and Head (Agricultural Economics), TNAU
	Water resources Planning in the context of climate change	<ul style="list-style-type: none"> • Dr. Marcella D'Souza Executive Director, Watershed Organisation Trust (WOTR), Pune
	Climate Change Adaptation, Water and Responsive Governance	<ul style="list-style-type: none"> • Dr. Aditi Mukherjee Expert on Ground Water ICIMOD, Nepal
	Discussion – 30 minutes	
11.00–11.30 am	Tea/Coffee Break	
11.30–1.00 pm	Session III: Augmentation of Water Resources	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Narayan G. Hegde BAIF, Pune
	Community based water harvesting and Management Approaches	<ul style="list-style-type: none"> • Dr. Rajendra Singh Water Conservationist & Chairman, Tarun Bharat Sangh, Rajasthan

	Geological Basis for Groundwater Management	<ul style="list-style-type: none"> • Dr. L. Elango Professor, Department of Geology, Anna University, Chennai
	Innovative on-farm water harvesting technology : Bhungroo	<ul style="list-style-type: none"> • Mr. Biplab Ketan Paul Ashoka Global Change Maker Fellow & Director, Naireeta Services Pvt Ltd, Gujarat
	Augmentation of groundwater recharge and water quality improvement by water harvesting structures in the semi-arid Deccan	<ul style="list-style-type: none"> • Dr. S.L. Patil Head, ICAR-Indian Institute of Soil & Water Conservation, Bellary
	Discussion – 30 minutes	
1.00–2.00 pm	Lunch	
2.00–3.30 pm	Session IV: Conservation and Effective Use: Water use Efficiency in Agriculture	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Tushar Shah Senior Fellow, International Water Management Institute, Gujarat
	Socio economic and technical dimensions in micro-irrigation technologies	<ul style="list-style-type: none"> • Dr. Vaibhav Bhamoriya Faculty (Economics), Indian Institute of Management, Kashipur, Uttarakhand
	Cloud Based Irrigation in increasing the Water use efficiency – SCORRES project experiences	<ul style="list-style-type: none"> • Dr. Martin Scherfler Co-Founder at Auroville Consulting, Puducherry
	Optimizing the cost effectiveness of Farm ponds	<ul style="list-style-type: none"> • Dr. Stephen Ngigi Kenya Rainwater Association, Nairobi
	Traditional wisdom of water management and contemporary relevance to changing social context	<ul style="list-style-type: none"> • Dr. S. Rajendran Professor, Gandhigram Rural Institute Dindigul
	Discussion – 30 minutes	
3.30–4.00 pm	Tea/Coffee Break	

4.00–5.30 pm	Session V: Grassroots experiences and concerns in water management	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Sakthivadivelu Independent Consultant
	Tankfed agriculture development – experience of Vayalagam initiatives	<ul style="list-style-type: none"> • Dr. R. Seenivasan DHAN Foundation, Madurai
	Participatory Groundwater Management	<ul style="list-style-type: none"> • Dr. Himanshu Kulkarni Secretary and Executive Director, Advanced Center for Water Resources Development and Management
	Groundwater Governance through Panchayat Raj Institutions	<ul style="list-style-type: none"> • Mr. V. Paul Raja Rao Executive Director, Bharathi Integrated Rural Development Society, Andhra Pradesh
	Community based drip irrigation models	<ul style="list-style-type: none"> • Dr. Sabarinathan NITFAM, Coimbatore
	Discussion – 30 minutes	

Special Programme

Day 3

August 9, 2018

9.30–11.00 am	Session VI: Water Management– Gender, Ethics, Rights, Governance and Behaviours	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Nitya Rao Professor (Gender and Development), School of Development Studies University of East Anglia, UK
	Gender, ground water and small scale irrigation systems in Semi-Arid Tropics	<ul style="list-style-type: none"> • Dr. Divya Susan Solaman Research Associate, Ashoka Trust for Research in Ecology and the Environment, Bangalore
	Ground water use and behaviour	<ul style="list-style-type: none"> • Dr. L. Venkatachalam Professor (RBI Chair), Madras Institute of Development Studies, Chennai
	Gender, drought and Rain-fed farming systems in South Asia	<ul style="list-style-type: none"> • Dr. Seema Kulkarni Secretary/Senior Fellow, Society for Promoting Participative Ecosystem Management, Pune

	Participatory Irrigation Management	<ul style="list-style-type: none"> • Mr. Sachin Oza Executive Director, DSC Foundation, Ahmedabad
	Discussion – 30 minutes	
11.00–11.30 am	Tea/Coffee Break	
11.30–1.00 pm	Session VII: Seawater as a Resource: Biosaline Agriculture	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr. Ismahane Elouafi Director General, International Centre for Biosaline Agriculture, UAE
	From the sea to the tap: Clean drinking water to people	<ul style="list-style-type: none"> • Mr. Rajiv Mittal Managing Director and Group CEO, VA TECH WABAG Ltd, Chennai
	Topic to be decided	<ul style="list-style-type: none"> • Dr. Kristina Toderich Plant Scientist, International Centre for Biosaline Agriculture, Uzbekistan
	Cultivation of Halophytes: field based experiences	<ul style="list-style-type: none"> • MSSRF
	Technologies for desalinization and water purification	<ul style="list-style-type: none"> • Dr. Amitava Das J.C. Bose National Fellow, Director, CSIR-Central Salt and Marine Chemical Research Institute, Gujarat
	Utilization of saline water for crop cultivation	<ul style="list-style-type: none"> • Prof. Muhammad Ismail Kumbhar Director, University Advancement and Financial Assistance; Training Coordinator / Event Coordinator, Sindh Agriculture University, Tandojam, Pakistan
	Discussion – 30 minutes	
1.00–2.00 pm	Lunch	
2.00–3.30 pm	Session VIII: Improving Water Quality, Recycling and Reuse	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Dr Pawan Kumar Labhasetwar Sr. Principal Scientist, National Environmental Engineering Research Institute, Nagpur

	Water reuse and recycling: The Key to Sustainable water management	<ul style="list-style-type: none"> • Mr. G.S. Saxena Vice President - Engineering, VA Tech WABAG Ltd, Chennai
	Liquid Waste management and re use in Agriculture	<ul style="list-style-type: none"> • Dr. S. Avudainayagam Professor and Head, TNAU, Coimbatore
	Decentralized waste water treatment systems to reuse	<ul style="list-style-type: none"> • Dr. Mukund Dhavaji Patil Senior Scientist, International Crop Research Institute for Semi-Arid Tropics, Hyderabad
	Water quality improvement through management of aquatic weeds and algae	<ul style="list-style-type: none"> • Dr. A. Gopalakrishnan Assistant Professor, Annamalai University
	Discussion – 30 minutes	
3.30–4.00 pm	Tea/Coffee Break	
4.00–5.30 pm	Session IX: Policy Issues and Way Forward	
	Topic	Speaker
	Keynote Address	<ul style="list-style-type: none"> • Shri. C. Paul Prabhakar Regional Director, Central Ground Water Board, Chennai
	Recent developments and future challenges in water policy analysis	<ul style="list-style-type: none"> • Prof. Philippe Cullet Professor of International and Environmental Law, SOAS University of London & Senior Visiting Fellow, Centre for Policy Research, New Delhi
	Addressing inequities in water: Policy perspectives	<ul style="list-style-type: none"> • Dr. Sara Ahmed Adjunct Professor, Centre for Heritage Management, Ahmedabad University
	Climate change and Integrated Water resources management – Policy Analysis	<ul style="list-style-type: none"> • Dr. Shresth Tayal Adjunct Faculty, Department of Natural Resources, The Energy and Resources Institute, New Delhi
	Technologies & water management (irrigated and rainfed typologies) : policy options	<ul style="list-style-type: none"> • Dr. K. Palanisami Emeritus scientist, International water management institute & Agril & water Expert, ISWRD, Govt of Telangana, Hyderabad
	Micro irrigation: Policy and Practice	<ul style="list-style-type: none"> • Dr. Dilip N. Kulkarni President – Sustainable Agriculture and Strategy, Jain Irrigation Systems Ltd

	Policy perspectives in participatory groundwater management and governance Discussion – 30 minutes	<ul style="list-style-type: none"> • Dr. Jayamala Subramanian Chief Executive Officer, Arghyam Foundation,
5.30 pm	Concluding Remarks	
	Vote of Thanks	
	Departure	