

NATIONAL CONFERENCE ON URBAN WATER MANAGEMENT: CHALLENGES AND OPTIONS

DECEMBER 13-15, 2009

JNANA JYOTHI AUDITORIUM (JJA), CENTRAL COLLEGE, PALACE ROAD, BANGALORE

PROGRAMME SCHEDULE

Time	Programme	Venue
13th December 2009 - Sunday at 9.00 AM		
Conference trip to wastewater treatment plants and registration in the conference venue		
1 st batch - V-valley and Cubbon Park Wastewater Treatment Plants		JJA
2 nd batch - Yelahanka and Cubbon Park Wastewater Treatment Plants		
3 rd batch - Water Treatment Plant in TK halli		
14th December 2009 - Monday		
08.00 - 09.00	Registration	
09.00 - 10.30	Welcome address	JJA
	About conference	
	Lighting of the lamp	
	Release of conference souvenir	
	Plenary: Prof. Dr.-Ing. Albert Göttle , President, Bavarian Environment Agency, Augsburg, Germany <i>Topic: Sustainable integrated water management - experiences from Germany</i>	
	Address - Sri. Katta Subramanya Naidu , Hon'ble Minister of BWSSB, IT & BT, Government of Karnataka	
	Vote of thanks	
10:30 - 10:45	Inauguration of poster & exhibition sessions	
10:45 - 11:00	Tea break	
11:00 - 13:00	TECHNICAL SESSION I Theme: INTEGRATED URBAN WATER MANAGEMENT Chair: Mr. P.B. Ramamurthy IAS, Chairman, BWSSB, Bangalore	JJA
	Keynote: Dr. A. Navaneetha Gopalakrishnan , Director, CES, Anna University <i>Topic: Wastewater reclamation and reject management</i>	
	Mr. Rana R. K. Singh , Asset Performance Manager, Atkins Bangalore <i>Topic: Case study - Integrated Water Management approach</i>	
	Mr. Gopal , Arghyam Foundation, Bangalore <i>Topic: Implementing integrated urban water management in India</i>	
	Dr.-Ing. Martina Scheer , Dr.-Ing. Steffen Krause, Dipl.-Ing. Karin Sprengard, Dipl.-Math. Reinhard Tandler, Indo German Water network <i>Topic: Sustainable German planning approaches in water supply and sewerage systems - exemplified by the topics simulation, maintenance and ultra filtration</i>	
	Mr. P.B. Ramamurthy IAS, Chairman, BWSSB, Bangalore	

	<i>Topic: e-governance initiatives in BWSSB</i>	
	Chair's remarks	
11:00 - 13:00	TECHNICAL SESSION II Theme: RECLAMATION AND REUSE OF WASTE WATER Chair: Mr. Sandeep Dave IAS, Managing Director, KUWSDB, Bangalore Mr. B.L. Thiyagarajan , Ex. Chairman, BWSSB, Bangalore	Seminar hall
	Keynote: Dr. S. Sundaramoorthy , Ex. Engineering Director, CMWSSDB, Chennai <i>Topic: Public Water & Sanitation Projects in India - Deviating from the Beaten Track</i>	
	Mr. Uday G. Kelkar & Milind V. Wable , NJS Consultants Co. Ltd <i>Topic: Wastewater recycle and reuse in India - the need of the hour</i>	
	Dr. Asavasi V. Devadiga , University of California, Berkeley, USA <i>Topic: Storm water and water reuse - approaches toward integrated water management</i>	
	Dr. Edgar Schicker , University of Applied Sciences, Nuremberg, Germany <i>Topic: Reducing chemicals and avoiding hazards to the water bodies by the application of Membrane Technologies in industrial water treatment</i>	
	Mr. Byeon - Gweon Yun , Kolon, Korea; Crv Joseph, Livingwater Technologies <i>Topic: Kolon immersed membrane advanced system</i>	
	Mr. M.N. Thippeswamy , Retd. Chief Engineer, BWSSB, Bangalore <i>Topic: Dual water supply system in metropolis</i>	
	Chair's remarks	
13:00 - 14:00	Lunch	
14:00 - 15:30	TECHNICAL SESSION III Theme: WATER QUALITY & QUANTITY MANAGEMENT Chair: Prof. Sudhakar , Dept. of Civil Engineering, IISc, Bangalore	JJA
	Keynote: Prof. Akhilendra Bushan Gupta , Professor of Civil Engineering at MNIT, Jaipur <i>Topic: Water quality</i>	
	Mrs. M.V. Shashirekha & Mr. G.V. Hegde , Dept of Mines & Geology, Govt. of Karnataka <i>Topic: Ground water scenario of metropolis</i>	
	Mr. S.S. Hegde , Central Ground Water Board, Bangalore <i>Topic: Groundwater conditions of Cochin-Ernakulam urban area - a case study</i>	
	Mr. D.P. Reddy , Central Ground Water Board, NER, Guwahati <i>Topic: Impact of urbanization on groundwater regime in Greater Guwahati, Kamrup district, Assam</i>	
	Prof. M S Mohan Kumar, Celia D. D'Souza , M Prasanna Kumar and Pawan Kumar Rai, Dept. of Civil Engineering, IISc, Bangalore <i>Topic: Urban water distribution systems - Quantity & Quality control</i>	
	Chair's remarks	

14:00 - 15:30	TECHNICAL SESSION IV Theme: WASTEWATER TREATMENT Chair: Mr. A.S. Sadashivaiah , IFS (Retd.) Chairman, State Pollution control Board, Karnataka	Seminar hall
	Keynote: Prof. H.S. Shankar , Dept of Chemical Engineering, IIT, Bombay Topic: Wastewater management by CAMUS-SBT technology	
	Keynote: Prof. Vinod Tare, IIT, Kanpur Topic: Sanitation and water related issues	
	Mr. Siva Angappan & Mr. Vincent Pinto , Headworks Inc., Bangalore Topic: MBBR/IFAS technologies for enhanced wastewater treatment	
	Mr. Hemant Sahal , Anupam Ravi & Akanksha Singh, VIT University, Vellore Topic: CALLMAT: A simple solution to heavy metal contamination	
	Mr. Shamit Bringi Dev , Dayananda Sagar College of Engineering, Bangalore Topic: Treatment of distillery spent wash using an upflow anaerobic sludge blanket (UASB) reactor	
	Mrs. Shubha Sudheendra , FLAGSHIP Ecosystems Pte Ltd, Singapore Topic: Contaminant removal technologies' significance in urban waste water treatment	
	Mr. Kusum Lata & Lokendra Malik , Indian institute of Public administration, New Delhi Topic: Legal control of water pollution in India: A critique	
	Chair's remarks	
15:30 - 15:45	Tea break	
15:45 - 16:15	Poster & Exhibition	
16:15 - 17:45	TECHNICAL SESSION V Theme: WATER RESOURCES & MANAGEMENT OF URBAN LAKES Chair: Prof. N.V. Joshi , Center for Ecological Sciences, IISc, Bangalore	JJA
	Keynote: Prof. P.P. Mujumdar , Chairman, Dept of Civil Engineering, IISc, Bangalore Topic: Climate change and its effect on water resources.	
	Dr. V.V.S. Gurunatha Rao , National Geophysical Research Institute, Hyderabad Topic: Restoration of urban lakes in Musi basin, Greater Hyderabad	
	Mr. D.N. Ravi Shankar , BWSSB, Bangalore Topic: Flood control in Bangalore city with the help of existing lakes	
	Mr. H. Chandrashekar , Jyothiroopa, K.V. Lokesh & G. Ranganna, Ambedkhar Institute of Technology, Bangalore Topic: Water Management - an approach through restoration and management of urban lakes - case study for Mallathahalli lake in Bangalore	
	Chair's remarks	
16:15 - 17:45	TECHNICAL SESSION VI Theme: URBAN GROUND WATER Chair: Prof. Shekar , Dept. of Civil Engineering, IISc, Bangalore	Seminar hall
	Mr. C. Papanna & D. Nagaraju , University of Mysore, Mysore Topic: Evaluation of groundwater resource potential using GIS in Kollegal	

	Taluk, Chamarajanagar district, Karnataka
	Mr. K. Amaranarayana , Deputy Commissioner, Davangere <i>Topic:</i> Ancient water system and its relevance today in recharging ground water – a success story of Chitradurga city
	Dr. A.K. Sinha and Anup Kumar, Department of Geology, University of Rajasthan, Jaipur <i>Topic:</i> Hydrogeology of Jaipur city and its Hinterland, Rajasthan
	Najeeb K. Md. & Hunse T. M. Central Ground Water Board (SWR), Bangalore <i>Topic:</i> Water management in Greater Bangalore – present scenario and future prospects
	Institute for Development Initiatives (IDI), D-1952, Palam Vihar, Gurgaon <i>Topic:</i> Documentation of success story on ground water conservation and prospects to ensure sustainable water supply in Durgah premises
	Dr. D. Srikanta Murthy , Deputy Director (GW), Dept. of Geology & Mines, Bangalore <i>Topic:</i> Ground water over exploitation trend through hydrograph in and around Bangalore city- a serious cause for concern
	Chair's remarks
18:00 – 20:00	Cultural programme and conference dinner

15 th December 2009 – Tuesday		
09:30 – 10:30	Plenary: Dr. M. Ramachandran , IAS, Secretary, Ministry of Urban Development, Govt. of India <i>Topic:</i>	JJA
10:30 – 11:00	Tea break	
11:00 – 13:00	TECHNICAL SESSION VII Theme: REDUCTION OF UFW/WATER AUDIT Chair: Dr. Ashwin Mahesh , faculty, IIM, Bangalore	JJA
	Keynote: Dr. Herb , GTZ, Germany <i>Topic:</i>	
	Keynote: Prof. Ramesh , Faculty, IIM, Bangalore <i>Topic:</i> Water governance	
	Mr. Rayappa & Raghavendra, TMC, Kundapura <i>Topic:</i> Reduction of non revenue water in Kundapura municipal water supply	
	Mr. Anjum Parvez and N. Srinivas , Directorate of Municipal Administration, Govt of Karnataka <i>Topic:</i> Quantification of non-revenue water in urban local bodies of Karnataka	
	Mr. M. Prasanna Kumar , MWH Global Inc., Pune <i>Topic:</i> Valve criticality modeling	
	Mr. Kemparamaiah , Chief Engineer (QA), BWSSB, Bangalore <i>Topic:</i> Pilot project on improvement of water distribution system	
	Chair's remarks	
11:00 – 13:00	TECHNICAL SESSION VIII Theme: WATERSHED MANAGEMENT Chair: Prof. Mohan kumar , Dept of Civil Engineering, IISc,	Seminar hall

	Bangalore	
	Keynote: Prof. Eric Goume , France Topic: Urban flooding	
	Mr. Florian Ettinger , Bavarian Environment Agency, Unit 66 "urban drainage systems" Topic: Experiences with storm water management in Bavaria	
	Mr. Khosro Afzali , Islamic Azad University, Shushtar, Iran Topic: Management of urban water supply in ancient city of Shushtar, Iran	
	Dr. Y. Lingaraju , C.V. Srinivasa, M. Santosh, H.P. Sowmya & Srividya Global Academy of Technology (GAT), Bangalore Topic: Urban watershed management –an essential need for sustainable eco system –a case study under for Akshynagar layout Bannerghatta road Bangalore	
	Mr. Shivasharanappa Patil , Shivendra & C.P. Ramesh, Dayananda Sagar College of Engineering, Bangalore Topic: Water sensitive urban design as a model for sustainability of Bangalore metropolitan area	
	Prof. Nagesh Kumar & K. Srinivasa Raju , Dept of Civil Engineering, IISc, Bangalore Topic: Clustering techniques for classification of micro watersheds	
	Mr. Avdhesh Prathap , C.C.S. University, Meerut, U.P Topic: People's movements & NGO'S participation in water resources management	
	Chair's remarks	
13:00 – 14:00	Lunch	
14:00 – 15:30	TECHNICAL SESSION IX Theme: BEST PRACTICES IN WATER SUPPLY Chair: Prof. Gopal Naik , Chairman, Center for policy studies, IIM, Bangalore	JJA
	Mr. Pranay Sinha , Ramadhar Rai & G.S. Basu, JUSCO, Jamshedpur Topic: Good practices for urban water management - Jamshedpur, India - case study	
	Mr. Bala K Balasubramaniam , TTI Consulting Engineers, Sydney Topic: India towards year 2020- Rejuvenating India's water supply and sanitation Infrastructure	
	Mrs. Gayathri , Naandi Foundation, Bangalore Topic: Urban drinking water scenario in India - problems associated and a solution model to the associated problems	
	Mrs. Sudha Setty , Satish Kumar, Pradeep Kumar & Therese Näsman, Alliance to Save Energy Topic: Using energy performance contracts to implement energy and water efficiency in water supply	
	Mr. Giridhar A. Kinhal , ICIMOD, Kathmandu, Nepal & Mr. Jagannatha Rao , CEO, CSD, Bangalore Topic: Lifestyle change approach for saving water in Bangalore	

	Chair's remarks	
14:00 - 15:30	TECHNICAL SESSION X Theme: RAINWATER HARVESTING Chair: Dr. T.M. Hunse , Regional Director, CGWB, Bangalore/ Dr. Ganesha Raj , Scientist, ISRO, Bangalore	Seminar hall
	V.V.S. Gurunatha Rao , L. Surinaidu & G. Thamma Rao, National Geophysical Research Institute, Hyderabad Topic: Rain gardens for in situ harvesting of storm water in greater Hyderabad	
	Mr. A.R. Shivakumar , KSCST, Bangalore <i>Topic: A sustainable water management strategy for emerging metros in India</i>	
	Mr. K.R. Sooryanarayana & M.A. Farooqi, Central Ground Water Board, Bangalore <i>Topic: Potential of Rain Water harvesting in and around Bangalore</i>	
	Chair's remarks	
15:30 - 16:15	COMMERCIAL SESSION Chair: Mr. M.N. Thippeswamy, Retd. Chief Engineer, BWSSB	JJA
	Jain Irrigations - Everything about water	
	Nukote Coating systems India Pvt ltd	
	JUSCO	
	Living Waterefines	
	R.B. Tech	
	Global Technologies/HACK	
	Head Works	
	Ground Focus	
	Falconeer Technologies	
	Chair's remarks	
16:15 - 17:00	Panel discussion	JJA
17:00 - 17:30	Valedictory session	JJA
	Welcome address	
	Deliberation of conference proceedings	
	Guest of Honours	
	Vote of thanks	
17:30	High tea & retreat from the conference venue	