

Regional Workshop
on
‘Energy and Resource Efficiency in Urban Water Management’
August 12, 2013, Puducherry

Bio CV of Key Speakers	
NAME	BIO CV
S. Raghunathan , Chief Town Planner, Town and Country Planning Department, Govt of Puducherry	Mr. Raghunathan is M. Tech in Structural Design and Construction Management. Currently he is the Chief Town Planner, Town and Country Planning Department, Govt of Puducherry (since January 2012). He is also fellow member in Indian Institute of Engineering. Previously he was superintendent engineer for 14 years in Government of Pondicherry.
Dr. S. Sundaravadivelu , Special Secretary, Housing and Town Planning, Govt of Puducherry	Dr. Sundaravadivelu is doctorate in veterinary sciences. Presently he is Special Secretary, Housing and Town Planning, Govt of Puducherry (since 7 th July, 2013). He joined Government of Puducherry as Collector of Karakail in 2004. He also worked as special secretary to transport and town planning and worked as Director of School Education, and Science, Technology & Environment.
P.R. Meena , Secretary, Public Works, Govt of Puducherry	Mr. Meena is M.A in Economics. Presently he is Secretary, Public Works, Govt of Puducherry (Since Nov, 2012). Previously he was Special Registrar Cooperative Societies in Registrar Cooperative Society, Delhi
Dr. Suresh Kumar Rohilla Programme Director - Water, Centre for Science & Environment	Dr. Rohilla holds a doctoral degree from Queen’s University Belfast, UK. He was a Fulbright Fellow affiliated at University of California, Berkeley and is Visiting Fellow at School of Planning, Architecture and Civil Engg., Queen’s University Belfast. Currently he is the Head of the Centre of Excellence in Sustainable Water Management of Ministry of Urban Development and National Key Resource Centre working for the Ministry of Drinking Water & Sanitation, Government of India. He has a vast experience in planning and development of area development/township and infrastructure projects in the area of water and environmental sustainability in the urban context. He has been nominated as the expert member of the various committees set up by Central / State Governments and international professional bodies.
Dr. Mahreen Matto , Senior Research Associate, Water Programme, CSE, New Delhi	Dr Matto holds a doctorate degree in Environmental Biotechnology from Aligarh Muslim University, India. She has published 9 international research articles in the field of industrial wastewater treatment by enzymes in reputed journals like Journal of Hazardous Materials, Chemosphere, Journal of Molecular Catalysis B: Enzymatic, etc. She also has experience in journal production and research. Has supervised post graduate students in their summer research projects at Department of Biochemistry, Aligarh Muslim University, India from 2005-2008. Currently she is working with the Water management unit at CSE on Sustainable water management and Decentralized wastewater recycles and reuse.
Dr. Nidhi Pasi Programme Officer, Water Programme, CSE	Dr Pasi has a doctorate in Environment and Natural Resources Policy from State University of New York – College of Environmental Sciences and Forestry, New York, USA. She also has a Master’s in Public Administration with specialization in Environmental Policy from Maxwell School of Citizenship and Public Affairs, Syracuse University, NY, USA. Currently she is Programme Officer (Capacity Building and Training) in the Water Programme, Centre for Science & Environment, New Delhi. She has about 7 years of experience of working with non-governmental, governmental agencies and universities in the field of water resources management, planning and decision making.
Pradeep Kumar , Director – India Office, Alliance to Save Energy, Bangalore	Mr. Kumar has vast experience in the field of public and private sector energy efficiency (EE), clean energy, sustainable development and CDM programs. His expertise covers EE program in water supply and street lighting systems, buildings, SME cluster, and energy efficiency

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	procurement. He has been instrumental in providing strategic and technical advice to various government and international development agencies in India and developed three state wide municipal energy efficiency programs in India covering more than 200 municipalities' including water utilities. He has a Bachelor's degree in Mechanical Engineering and post graduate in Energy Engineering.
Prof. H.S. Shankar , Professor of Chemical Engg. IIT Mumbai	Prof. Shankar is a doctorate from Monash University, Australia. He works in the area of ecological engineering (1990 onwards) and has extensively researched in the processes engaging ecology consisting of soil, plants and soil micro & macro-organisms include geophagous earthworms. He has researched in the new developments in Engineered Ecosystems for deployment in non chemical drinking water purification, nonchemical swimming pool water purification, retrofitting of existing waste treatment plants for effluent compatibility with aquatic life. He has developed a wastewater treatment technology viz. Soil Bio-technology and has been extensively working in spreading the technology throughout India.
Dr. Rajesh Biniwale , Principal Scientist, National Environmental Engineering, Nagpur	Dr. Biniwale holds a masters degree in Chemical Engineering from University of Roorkee in 1994, he has obtained Ph.D. from Hokkaido University, Japan in 2006. The same University has also awarded Doctor of Science to Biniwale in 2006. Dr. Biniwale has been working in the field of environmental and energy resources related applications. He is member of hydrogen storage and transportation committee of ministry of new and renewable energy, Delhi. Earlier contributed to committees of pollution control board and presently advising various municipal bodies on decentralized sewage treatment. He has worked as fuel expert on Asian Development Bank project in Bangladesh, automotive emission control expert on World Bank Project in Mumbai.
P.Z. Thomas , Environmental Engineers & Consultants Pvt. Ltd., New Delhi	Mr. Thomas is a Civil Engineer specialized in Environmental Engineering from College of Engineering, Trivandrum, University. He is Managing Director of M/S Environmental Engineers & Consultants Pvt. Ltd. He has provided consultancy services in pollution control for more than 1000 clients both in industrial sector and in real estate sector in different parts of the country. He has also provided Consultancy services to Real Estate Sector in preparation of EIA reports, Environment Management Plan and also in obtaining Environmental Clearance & CRZ Clearance on all India basis and has carried out about 500 projects. He prepared Environment Impact Assessment Study report of Noida Industrial Development Authority (NOIDA) and for Hill Station Township Project of M/s Lavasa Corporation Ltd. Apart from that he is resource faculty member for various organization like Administrative Staff College of India (ASCI), Hyderabad and Federation of Indian Chamber of Commerce & Industry (FICCI), New Delhi.

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<p>Lalit Kishor Bhati, Architect-Urban Planner, Auroville</p>	<p>Mr. Bhati is Auroville based Architect-Urban Planner has been taking active part in planning & development activity since last 14 years and worked as a team member on formulation of Auroville's Master Plan. He has also been involved in capacity building area for professionals, officials, students via conducting various learning programmes & workshops based on inspiring case study of Auroville's Sustainable Planning & Development. He has taught short course on 'Planning and Design of Sustainable Cities' at IIT Roorkee. He is actively engaged with academic and professional activities within India and abroad. He recently acted as a Guest Editor of Research Journal "The sustainability in Architecture and Infrastructure Development", June 2012 edition, Chandigarh College of Architecture. He has presented Auroville's case study in various national & international events/forums. He has published in Times of India (Chennai edition) in June 2011 on 'Sustainable Campus Designs'. His office has designed several architecture & planning projects. The most recent one is the 'Puducherry State Energy Park' a REAP (Govt of Puducherry) project which is ready and awaiting inauguration anytime soon.</p>
<p>Gilles Boulicot, Auroville Centre for Scientific Research</p>	<p>Mr. Boulicot has remarkable experience in Decentralized Waste Water Treatment. He has been involved in the implementation of 150 systems in India, Pakistan, Nepal, South Africa, France, Indian Ocean (Mayotte, Maldives). Previously he was project director for sustainable and integrated water resources management for Auroville. He has also been involved with the impact study, and concept of management and recycling of the medical water generated by the town of Pondicherry. He is a noted resource person for UNESCO and Indian Government on water resource management.</p>
<p>Prof. Devi Prasad, Professor, Head- Department of Ecology and Environmental Sciences, Pondicherry University</p>	<p>Dr. Prasad is Ph.D. in Biophysics from Purdue University, USA and M.Sc. in Physics from IIT Madras. Presently he is Professor & H.O.D Department of Ecology and Environmental Sciences in School of Life Sciences. His previous assignment was as Director (S&T) with Embassy of India in Berlin. His areas of interests are Bio-Physics, Theoretical Studies, Environmental Law & policy. He has published various national and international publications and received various awards and honors for the same.</p>
<p>Prof. S. Janakarajan, Professor, Madras Institute of Development Studies</p>	<p>Prof. Janakarajan is Ph.D in Economics from Madras Institute of Development Studies, Chennai and M.A (Economics) from Madras Christian College. Currently he is Professor at Madras Institute of Development Studies, Chennai and also Professorial Research Associate, SOAS, University of London. Previously he was Officiate Director, Madras Institute of Development Studies, Chennai and had been visiting Professor at the Queen Elizabeth House, University of Oxford, U.K. Have been working in water and environment related issues in South India for over 20 years. His number of books, research reports, papers has been published nationally and internationally.</p>
<p>Mr. Nandhivarman Muthu, Pondicherry University</p>	<p>Mr. Muthu received his Masters degree in Zoology and has over 10 years of experience as an environmentalist, researcher and an activist for sustainable development. He is currently pursuing his doctorate from Pondicherry University, India. His research interest includes an extensive study to evolve policies and implement Green Campus Initiative in Pondicherry University. The main objective of this research is to assess and provide factual solutions to the educational institutions like schools and colleges to make it sustainable with special reference to water, energy and waste management.</p>
<p>S. Manohar, Chief Engineer, Public</p>	<p>Mr. Manohar is B.E Honors and working in Government of Puducherry</p>

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Works Department	since 1978. Presently he is Chief Engineer in Public Works Department, Government of Puducherry (since August 2009). He was previously working as superintendent incharge in water supply and irrigation department. His expertise includes building construction, urban water supply management and sewerage.
P. Joseph Victor Raj , Director, HOPE	Mr. Raj is Masters in Social Work from Madras University and is leading a NGO, HOPE - Holistic approach for People's Empowerment, Pondicherry, which implements its own projects and also provides information and training support to other NGOs in Tamil Nadu and Pondicherry. He has been elected as the State Convener for Campaign against Child Labour (CACL), Tamil Nadu & Puducherry and also selected as the State Convener for Puducherry Environment Council (PUDENCO). He is also serving as the Advisory committee Member for the Community Radio of Pondicherry University. He has worked with other organisations like ADECOM, Pondicherry; Community Development Programme (CODEP); Arunodayam (run by ASHI), Pondicherry; Pondicherry Multipurpose Social Service Society.
Mr. V. Radhakrishnan , SGWU-cum-Joint Project Co-ordinator, PWRO, Puducherry	Mr. Radhakrishnan is a Hydrogeologist, presently working as SGWU-cum-Joint Project Co-ordinator in Puducherry Water Resources Organization (PWRO), Hydrology project II, Puducherry. He has 30 years of experience in ground water management. He has worked in number of world bank projects and played vital role in bringing world bank project 'Hydrology project phase II' in Puducherry which is near to completion.
Mr. Arvindam Govindassamy , Sebadugai Nanneeragam	Mr. Govindassamy is a dual Bachelor in Social Sciences and Education. He has twenty four years of experience as a scientific resource person in the field of environmental sciences working with Sebadugai Nanneeragam.
Tency Baetens , Auroville Centre for Scientific Research	Mr Baeten is from Belgium and has been involved in Auroville and part of a CSR team since 1995 which is developing and implementing natural waste water treatment systems. CSR Dewats has designed and implemented over 150 natural waste water treatment systems in India and abroad. He is involved in several projects related to appropriate building technologies, renewable energy, water and sanitation. He regularly conducts workshops and training courses for professionals and voluntary organizations to promote integral choices for a sustainable future. He is co-founder of the Auroville Centre for Scientific Research (CSR) in 1984 and the Auroville Building Centre (AVBC) in 1989.
Hilal F. Fardin , Social Sciences Department, Institut Français de Pondichéry	Mr. Fardin is a Ph.D candidate in Geography at the Ladyss (University of Paris 8, France) and at the French Institute of Pondicherry (India). His doctoral study is about the values of constructed wetlands resources in south-east India, especially about the interactions between pollution, society, culture, plant species, and techniques. Socio-ecological systems, economic botany, geohistory of water resources management, waste recycling, wetland services and sustainable development are the major themes of his interest. He currently focuses on waste management & energy, but eco-techniques is the key-link between the various aspects of his research work.