

# Geoenvironment-2017 Workshop: “Landfills and Waste to Resources”

Program (April 19, 2017)

Venue: Senate Room IIT Delhi (adjacent to Director’s Office)

<b>0900 to 0930</b>	<b>Registration</b>
<b>0930 to 1100</b>	<b>Session A - Inaugural Session: National Initiatives, Landfill Database &amp; Hazard rating</b>
	Chair, Co-Chair, Panelists, Experts: Sh. Praveen Prakash, IAS, Joint Secretary & Mission Director (SBM), MoUD Sh. Saurabh Jain, IAS, Director & Additional Mission Director (SBM), MoUD Sh. V.K. Chaurasia, Joint Advisor (PHEE), CPHEEO, MoUD Sh. Rohit Kakkar, Deputy Adviser (PHE), CPHEEO, MoUD Mr. P.K. Khandelwal, Chief Engineer, East Delhi Municipal Corporation (EDMC) Prof. G.V. Ramana, IIT Delhi
<b>0930 to 0933</b>	<i>Welcome</i> , Prof. Manoj Datta, IIT Delhi
<b>0933 to 0935</b>	<i>Opening Remarks</i> , Prof. J.T. Shahu, Chairman, IGS Delhi Chapter, IIT Delhi
<b>0935 to 0950</b>	<i>“National Initiatives on MSW Landfills/Waste Dumps”</i> , SBM and CPHEEO, MoUD
<b>0950 to 1005</b>	<i>Landfill Database available at IIT Delhi”</i> , Prof. A.K. Nema, IIT Delhi
<b>1005 to 1020</b>	<i>“Hazard Rating of Landfills in India”</i> , Dr. Amit Kumar, IIT Roorkee
<b>1020 to 1035</b>	<i>“Current Challenges related to Abandoned Dumps and Engineered Landfills in USA”</i> , Prof. Krishna R. Reddy, University of Illinois at Chicago
<b>1035 to 1045</b>	<i>“Indian Waste Disposal Scenario: Some Comments”</i> , N.C.Vasuki, Former President ISWA, Former Chief Executive Officer, Delaware Solid Waste Authority, USA
<b>1045 to 1100</b>	Panel Discussion on <i>“Hazard potential of large waste dumps/landfills which are not closed scientifically”</i>
<b>1100 to 1120</b>	<b>Tea</b>
<b>1120 to 1315</b>	<b>Session B - Gas from Landfills, Landfill Fires &amp; Emissions and their Control</b>
	Chair, Co-Chair, Panelists, Experts: Dr. Sanchita Jindal, Director, MoEF Dr. A.B. Akolkar, Member Secretary, Central Pollution Control Board (CPCB) Dr. Suneel Pandey, Senior Fellow & Director, Environment and Waste Management Division, TERI Prof. Kurian Joseph, Centre for Environmental Studies, Anna University, Chennai, Tamil Nadu Mrs. Ragini Jain, Expert, SWM
<b>1120 to 1135</b>	<i>“Opportunities &amp; Challenges in capturing Landfill Gas from an Active and Un-Scientifically managed Landfill site - A Case Study”</i> , Mr. T. Nandakumar, Chief Manager (Chemical – R&D), GAIL (India) Ltd.
<b>1135 to 1150</b>	<i>“Experience of Landfill Gas Collection at Gorai Landfill”</i> , Mr. Kamlesh Parikh, CEO, BRCPL
<b>1150 to 1210</b>	<i>“Controlling Landfill Fires and other Emissions at Deonar Landfill, Mumbai”</i> , Mr. Kamlesh Parikh, CEO, BRCPL
<b>1210 to 1230</b>	<i>“Sustainability of Different Types of Cover Systems at Hazardous Waste Landfills, Ankleshwar”</i> , Mr. Manoj Patel, General Manager, BEIL
<b>1230 to 1245</b>	<i>“Preventing Air Pollution (Fires, Smoke, Dust &amp; GH Gases) by efficient Cover Systems and Active Gas Collection”</i> , Prof. G.V. Ramana, IIT Delhi
<b>1245 to 1315</b>	Panel Discussion on <i>“Effective cover systems for prevention of fires, reduction of odour and capturing greenhouse gases”</i>

<b>1315 to 1400</b>	<b>Lunch</b>
<b>1400 to 1530</b>	<b>Session C - Landfills to Resources: Mining for Compost, Soil</b>
	Chair, Co-Chair, Panelists, Experts: Prof. G.L. Sivakumar Babu, President Indian Geotechnical Society and Professor IISc Bangalore Dr. N.B. Mazumdar, Director General, Sulabh International Prof. T.R. Sreekrishnan, IIT Delhi Er. Tufel Ahmed, Consultant, Sanitary Landfills Mrs. Almitra H. Patel, Expert, SWM
<b>1400 to 1420</b>	<i>Studies of Landfill Mining</i> , Prof. Kurian Joseph, Anna University, Centre for Environmental Studies, Chennai
<b>1420 to 1440</b>	<i>Use of Aged Waste in Earthworks</i> , Dr. Vasant Havanagi, Senior Principal Scientist, CSIR- CRRRI
<b>1440 to 1500</b>	<i>Aged Waste from Landfills: Geotechnical Reuse</i> , by Prof. Manoj Datta, IIT Delhi
<b>1500 to 1530</b>	Panel Discussion on <i>Resources from Landfills – Gas, Compost or Soil</i>
<b>1530 to 1600</b>	<b>Tea</b>
<b>1600 to 1755</b>	<b>Session D – Waste-to-Energy: Global Scenario and Delhi Initiatives</b>
	Chair, Co-Chair, Panelists: Dr. Puneet Kumar Goel, IAS, Commissioner SDMC Sh. B. Vinod Babu, Scientist and In-charge Hazardous Waste Management Division, CPCB Prof. B.J. Alappat, IIT Delhi
<b>1600 to 1640</b>	<i>Global Scenario of Waste-to-Energy Plants</i> , Prof. A.C. Bourtsalas, Adjunct Professor and Manager, Global WTER Council, Earth Engineering Centre, Columbia University, USA
<b>1640 to 1700</b>	<i>Waste-to-Energy Plant at Ghazipur</i> , Mr. P.K. Khandelwal, Chief Engineer, EDMC
<b>1700 to 1720</b>	<i>Waste-to-Energy Plant at Narela Bawana</i> , Mr. Goutham Reddy, MD & CEO, Ramky Enviro Engineers Ltd.
<b>1720 to 1740</b>	<i>Waste-to-Energy Plant at Okhla</i> , Mr. Sandip Dutt, General Manager, TOWMCL
<b>1740 to 1755</b>	Panel Discussion on <i>(i) Environmental concerns: mass burn or segregated burn (ii) Re-use of ash?</i>
<b>1755 to 1800</b>	<b>Closure</b>
	Sum-Up by Prof. G.V. Ramana, IIT Delhi Vote of Thanks by Dr. Altaf Usmani, Hon. Secretary, IGS Delhi Chapter & Manager, EIL

**Program (April 20, 2017 Forenoon)**

**Visit to Ghazipur WtE Plant and Landfill (limited seats)**