

Theme: Waste Management sustenance by  
waste reduction & recycling, waste-to-energy  
& employment generation

# IconSWM 2011

1st Call for Paper & Financial Support  
Information Brochure

[www.iswmaw.com](http://www.iswmaw.com) ; [www.iconswm.org](http://www.iconswm.org) ;  
[www.iswmaw.org](http://www.iswmaw.org)

## 2nd International Conference on Solid Waste Management

and Exhibition on Municipal Services, Urban Development, Public Works & Clean technology

Promoting Technology, Scientific Innovation, Customised Solution and International Cooperation in the Management of Solid Waste



Organised by  
**CENTRE FOR QUALITY MANAGEMENT SYSTEM**  
**JADAVPUR UNIVERSITY, KOLKATA**



WITH  
**International Society of Waste Management, Air and Water**

During November 9 - 11, 2011 at Gandhi Bhaban & TEQIP Building Exhibition Centre,  
Jadavpur University Main Campus, Kolkata 700032, India

Organisations in Cooperation



Collaborating organisations of IconSWM 2009



Central Pollution Control Board

Jawahar Lal Nehru National Urban Renewal Mission

Department of Urban Development, Government of India

Department of Environment, Government of West Bengal

Central Board for Workers Education, Ministry of Labour & Employment, Government of India

Kolkata Metropolitan Development Authority

Organisations in Cooperation with IconSWM 2009



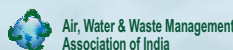
Environmental Engineering Research Institute, CSIR



Indian Institute of Chemical Biology, CSIR



Indo-German Chamber of Commerce



Central Glass & Ceramic Research Institute, CSIR



University of Kalmar, Sweden





## Context - IconSWM

Urbanisation has shown faster rates of growth since 1947. India's population is expected to increase to 1.35 billion by 2021 and 40% of Indians will be living in urban areas. According to the United Nation's estimate, about 90% of future growth will take place in cities. In 2030, when the global population will have risen from currently 6.5 to 8.2 billion people, about 60% of all humans will live in cities.

The daily per capita MSW generated in India ranges from about 100 gms in small towns to 500 gms in large towns with an estimated increase @1%-1.33% annually. About 42 MMT of solid waste (1.15 lakh MTPD) are generated annually by the urban population in India. The average collection efficiency for MSW in Indian cities is nearly 72.5% and around 70% of the cities lack adequate waste transport capacity. Open dumping of garbage facilitates health and environmental risks.

Huge opportunities exist in eastern and north-east India to work for effective SWM and allied fides. The estimated release of methane



into the atmosphere is about 39 MMT in 2047, which is presently 10 MMT. The estimated potential for power generation is 2550 MW in 2012 from 148 KMTPD of MSW and 5200 MW in 2017 from 304 KMTPD of MSW.

Many initiatives are being taken up by the Central & State

Governments and Urban Local Bodies (ULBs) in India, including the Jawaharlal Nehru Urban Renewable Mission (JNNURM), which aims at creating economically productive, efficient, equitable, inclusive, sustainable and responsive cities. Adequate fund is available in India to establish SWM sustenance & clean technology.

## Objectives - IconSWM and Exhibition

IconSWM and the Exhibition are to share the international platform to implement customized measures for SWM. IconSWM encourages the exchange and application of environmental policies, practices and technologies that promote a better quality of life & sustainability. IconSWM will focus tripartite co-operation among institutions, business and local communities to achieve the noble objective of civil society, protecting environment and creation of new entrepreneurs in waste management fields. IconSWM will initiate a SWM plan focusing on PPP Model and thus improving environment performance based on joint effort of all invited stakeholders in India and abroad.

IconSWM will include classic technical sessions, Mayor's Forum, ULB Chairman's Forum, Soap Box for industries, interaction in exhibition and IconSWM Excellence Awards. IconSWM invites recognized world leaders to anchor each Conference theme and seeks additional platform speakers of selected papers to complement the invited speakers. IconSWM 2011 will involve schools & colleges in "Catch Them Young" Award Competition.

## Benefit of your company from sponsoring IconSWM

By sponsoring IconSWM your company will receive the best available exposure in the global Waste Management Sector. Sponsors of IconSWM will enjoy the goodwill surrounding IconSWM and thus profile the company as sustainable. Your company will have the opportunity to network and to monitor market potential all over the world specifically huge potential North east & eastern India, the growing economy. This platform is an effective business network.

## Centre for Quality Management System, Jadavpur University

Centre for Quality Management System, popularly known as CQMS, was established in 1994 in Jadavpur University, a "Centre of Excellence" in the country. CQMS instituted National Level Forum like "Indian Congress on Quality, Environment, Energy and Safety Management Systems", "Plastics and Sustainability Forum" and "IconSWM and Exhibition on Municipal Service, Urban Development & Public Works". CQMS works in tandem with industries, NGOs, Central and State Governments for research, training and Consultancy. CQMS has significant role in ISO TC 61.

CQMS is involved in research Training and consultancy on different interdisciplinary fields

like TQM, waste management, development of jute machineries, MSWM, plastics & e-waste management and recycling, Six Sigma,



quality environment & safety management, workers participation, entrepreneurship development, Air & Water quality monitoring, multi skill integration, production & operations management, project management, engineering design & product development, municipal management and so on. CQMS carries a number of national and international research projects.

## International Society of Waste Management, Air and Water (ISWMAM)

ISWMAW, non profit body by professionals, promotes environmentally sound SWM practices, effluent treatment practices, Air and Water pollution control practices, general environment protection awareness etc. It promotes Research and development on SWM, recycling, w-t-e, Bio-fuels, Air & Water management & technology, water harvesting, Ground Water, LCA, Carbon Footprints, Climate Change and related social aspects. It creates awareness and community involvement by organizing Training, workshops, seminars, symposiums, conference, exhibitions, publishing books & journals. It plays a coordinating role in bringing practitioners, users, scientists, technologists, administrators, community and ULBs together to collaborate on the continuous improvement and harmonization of framework, terminologies, methodologies and implementation related to Solid & liquid Waste, Air and Water management. It provides consultancy services and playing advisory role to deferent government and private organizations. IconSWM is one of the benchmark event of ISWMAW.

## Call for Technical Paper and Case Studies

The full paper within 5000 words with ABSTRACT within 400 words to be submitted before **30.08.2011** to the IconSWM Secretariat via e-mail: conference.swm2010@gmail.com / iswmaw@gmail.com. Details are available in [www.iconswm.org](http://www.iconswm.org) and [www.iswmaw.com](http://www.iswmaw.com). Full text of papers written in English in MS Word format 2003 or 2007, 11pt Arial font size containing the title of paper, references, author/ (s) name, address, phone/mobile, fax, e-mail id etc. must be sent to the Secretariat.

The acceptance will be received by the author within 7 days from the date of receipt of the abstract/ paper. Papers will be peer reviewed to ensure high quality & thematic consistency. Accepted and registered full papers will be published in the conference proceedings (CD version). Duration of paper presentation : 15 minutes. Some reviewed papers may be recommended for submission to related international journals.



**At least one author of each selected paper must register and attend the Conference to present the paper. Authors must meet their own expenses (registration fee, travel, accommodation, etc).**



## Key Dates of IconSWM

**Submission of abstract** : 30<sup>th</sup> July 2011 ( Via e mail)  
**Submission of full paper** : 30<sup>th</sup> August 2011 ( Via e mail)  
**Notification of acceptance:** within 7 days of receipt of paper  
**Early bird registration** : 7<sup>th</sup> October 2011 ( 10% discount )  
**Late bird registration** : 30<sup>th</sup> October 2011 ( 5% discount )

On receipt of the registration fees, letter for issuing visa will be issued to the foreign delegates.

## Conference topics for papers

The IconSWM consists of plenary sessions followed by parallel technical sessions of invited speakers, leaders & presenters in waste management field from academia, industry, government & NGOs.. The theme of discussion include, A: Policy and Regulatory Framework on SWM Sustenance, B: Waste-to-energy, Technology and Innovative waste solutions, C: Economic Instrument and Financing Methods, D: Best Practices, PPP Models, Case Studies & international cooperation. Conference topics for papers as follows:

- Waste management policies and strategies, Rules and international cooperation
- Municipal Solid Wastes composition, Waste characterization
- Industrial Waste, Bio-medical Waste, Construction Waste
- Plastics Waste, E-waste, Cattle Waste, Slaughterhouse waste
- Waste Recycling
- Waste-to- energy, Energy recovery and thermal treatment
- Primary & Secondary collection and segregation
- Transfer Station and Landfill, Regional & shared landfill
- Composting; Biological, Chemical & Bio chemical treatment
- Customized Waste management solution for East & North East India
- Integrated waste management & Employment Generation
- Technology - Machineries and equipment
- Greenhouse gas consideration in sustainable SWM
- CDM, Green Economy – opportunities to the waste industries
- Public Private Partnership (PPP) for waste management
- Case studies, Best Practices of SWM in ULBs, City Councils
- Waste Management in Real Estate
- Waste Avoidance, Waste reduction, reuse and segregation
- Education, training & capacity building for waste management industry, waste handlers, ULB decision makers and community
- Development of Key Performance Indicators (KPIs) for SWM
- Economics & future business potential through Waste Management

## Soap Box Oratory

Soap Box Oratory may be booked by organizations who are interested to discuss on specific business issues, special topics of their interest, advertising products & services. A hall will be provided to accommodate nearly 50 delegates to speak and discuss on their respective business for 20 minutes.

Please visit our website for details : [www.iswmaw.com](http://www.iswmaw.com),  
[www.iconswm.org](http://www.iconswm.org) and [www.iswmaw.org](http://www.iswmaw.org).

## Who should join the conference & the exhibition

**ULBs** : Mayor, Chairman, MICs, CICs, Councilors, Urban Planner, Engineers, and Urban environmental officers such as officers / supervisors in charge of solid waste management in Urban Local Bodies in Central and state governments, union territories, City Councils & local authorities, urban environmental Non-Government Organisations (NGOs) & Community Based Organisations (CBO).

**Others** : Representatives of private sectors involved in generation and handling solid & liquid waste, recycling companies, waste management concessionaires, environmental consultants and contractors providing services for SWM, Equipment manufacturers & suppliers, Laboratory testing services, technology providers, funding agencies, environmental engineering & monitoring services providers, Environment and production personnel dealing with industrial waste in industry, officers from CPCB & state PCBs and government departments, Real estate developers, Town planners, University / Colleges & research institutions.

## Fashion Show of Waste Handlers

Interested parties to participate in Fashion Show of Waste Handlers are to register their name in the website or by sending request.

## IconSWM Excellence Award

IconSWM Award for SWM Excellence is a voluntary participation for the assessment for the IconSWM Award at a participation fees. Organisation interested to participate in the award competition has to send the application with fees by 30<sup>th</sup> June 2011. Guide booklet containing criteria & methodologies may be downloaded ([www.iconswm.org](http://www.iconswm.org) / [www.iswmaw.com](http://www.iswmaw.com) ). The regional and central level competition will be held during July to October 2011. The award will include citation and award money. The awardee will join IconSWM 2013 at free registration fees. The award will be conferred to the best performers assessed by a group of experts. Award in following categories will be given :

- a) For SWM in ULBs, Temple, Industry, Papers and exhibitors
- b) Catch Them Young - for SWM in Schools, colleges & University

## Exhibition

An exhibition on Municipal Service, Urban Development, Public Works & Clean Technology will be held in TEQIP Building Exhibition Centre inside Jdavapur University; Details for participation and tariff of stalls in exhibition are available in [www.iswmaw.com](http://www.iswmaw.com). For participation in the exhibition, mail to: [iswmaw@gmail.com](mailto:iswmaw@gmail.com) OR [conferenceswm2010@gmail.com](mailto:conferenceswm2010@gmail.com).

### Tariff per sq. m: Built-Up Booth/Bare Space (Indoor) :

Stall size : 16 sq.m, 12 sq.m, 9 sq.m; 6 sq.m. and 5 sq.m

National tariff Rs. 8,000 per sq. m

International tariff US\$ 185 per sq. m

### Bare Space (Outdoor - Open to sky): (Minimum 20 sq m)

National tariff Rs. 3,000 per sq. m

International tariff US \$ 70 per sq. m





## Broad Programme Schedule

9 <sup>th</sup> November 2011, Day 1	10 <sup>th</sup> November 2011, Day 2	11 <sup>th</sup> November 2011, Day 3
Inauguration of Conference & Exhibition Announcement of Awards Plenary session of Invited speakers Parallel Technical Sessions Soap Box Symposium Visit to Exhibition	Plenary session of Invited speakers Parallel Technical Sessions Soap Box Symposium Visit to Exhibition Meeting Award Winners	Plenary session of Invited speakers Parallel Technical Sessions ULB Chairman's & Mayor's Forum Soap Box Symposium Valedictory & Award Ceremony Visit to Sunderban ( on request)

### Registration fees (Early bird discount on registration fees = 10 % on the fees below)

Code	Category of organization and Participation	Fees: Indian	Fees: Foreign
ind1	<b>Delegate from Industry, Service Sector, Consultancy- Delegate from Government Department / PSU-</b>	INR 5000	USD 200
gov2		INR 3500	USD 100
ulb3	<b>Delegates From Municipalities/ Nagarpalika/ Municipal Corporations/ City Council / Panchayats</b>	INR 2500	USD 100
edn4	<b>Delegates from Educational / Research institutes- Full time Research Scholar &amp; Student Delegates-</b>	INR 2500	USD 100
std5		INR 1200	USD 50
sbo6	<b>Soap Box Oratory for 20 minutes, One Delegate Free-</b>	INR 25000	USD 900
maw7	<b>IconSWM Excellence Awards for ULBs- IconSWM Excellence Awards for Factory / Hospitals / Hotels / Temple- IconSWM Excellence Awards for College / University- IconSWM Excellence Awards for Schools-</b>	INR 10000	
iaw8		INR 20000	
eaw9		INR 3000	
saw		INR 500	

**Sponsorship Details:** IconSWM secretariat requests you to support by sponsoring the conference. Logo & Name of Sponsoring Organization will be displayed appropriately in Backdrop, Souvenir and Proceedings of IconSWM.

1. Diamond Sponsor : Negotiable ( Entitled to sponsor delegates & other facilities)
2. Platinum Sponsor : Rs. 5,00,000/- ( Entitled to sponsor 6 delegates )
3. Gold Sponsor : Rs. 3,00,000/- ( Entitled to sponsor 4 delegates )
4. Silver Sponsor : Rs. 1,50,000/- ( Entitled to sponsor 3 delegates )

**Souvenir Advertisement Tariff** (Print Areas = 9.5"X 6" in A4 Size Full Page ): Colourful souvenir will be published and distributed to the delegates & associated industries. Matter is to be sent in soft copy in CD. IconSWM secretariat requests you to support by advertising in the IconSWM souvenir.

Back Cover Page	Rs. 50,000/-	Inside Full Page (colour)	Rs. 20,000/-
Inside Front Cover Page / Inside Back Cover Page	Rs. 35,000/-	Inside Full Page (B/W)	Rs. 15,000/-
Inside Front 1st Page	Rs. 30,000/-		

**PAYMENTS :** All payments are to be made by DD or A/C Payee cheque in favour of "ISWMAW" or "IconSWM" payable at Kolkata. Rs. 100/- is to be added for outstation cheques.

**Address for Communication :** All communications are to be made to :

**Prof Sadhan K Ghosh**, Chairman, IconSWM & Exhibition,  
International Society of Waste Management, Air and Water, Centre for Quality Management System, Mechanical Engineering Dept.,  
Blue Earth W/S, Jadavpur University, Kolkata 700 032, India;  
Mobile : 09830044464 / 09831116238 ; Telefax: +91 33 2414 6207 / 24146165; PBX : 0 33 2414 6666 Extn : 2488 / 2256;  
Email : conference.swm2010@gmail.com / iswmaw@maill.com; Web : www.iswmaw.com / www.iconswm.org / www.jadavpur.edu

