FINAL CALL FOR PAPER & FINANCIAL SUPPORT

IconSWM 2014

and Urban Development, **Government of Andhra Pradesh**

4th International Conference on

Visit: www.iswmaw.com; www.iconswm.org; www.jadavpur.edu

Solid Waste Management

and Exhibition on Municipal Services, Clean technology

Promoting Technology, Scientific Innovation, Customised Solution and International Cooperation in the Sustainable Resource Management

Municipal Administration Organisers : Govt. of Andhra Pradesh, Department of Municipal Administration and Urban Development, C&DMA, India





CENTRE FOR QUALITY MANAGEMENT SYSTEM, JADAVPUR UNIVERSITY, KOLKATA International Society of Waste Management, Air and Water

January 28-30, 2014, at Acharya NGR Agriculture University, Hyderabad, Andhra Pradesh, India

Vision of IconSWM 2014:

Towards effective sustainable waste utilisation and management

Introduction

Rapid economic growth is leading to urbanization and industrialization generating waste which is adversely effecting the environment. The percentage of India's population living in cities and urban areas from 14%, in 1947 at the time of independence, has almost doubled to 27.8% now. Urbanisation has shown faster rates of growth. According to the UN'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 per capita of MSW generated daily, in India ranges from about 100 gms in small towns to 500 gms in large towns with an estimated increase @1%-1.33% annually with an annual generation of nearly 50 million Ton. The average collection efficiency for MSW in Indian cities is nearly 72.5% and around 70% of the cities lack adequate waste transport facility. There are very few initiatives of Energy recovery from wastes, effective composting, recycling and landfill. Waste dumping is one of the common practice still exists with a handful initiatives of sanitary landfill. Growth in industrial waste generation is also very high. The range & complexity of the issues involved in Waste Management in India is enormous. Huge scopes exist for effective waste management through implementations of sustainable appropriate technologies in composting, recycling, bio gas plant, waste to energy plants with the least amount of inert to landfill. IconSWM is the platform created to bring the customised solutions for the sustainable waste management.

KEY DATES:

Submission of abstract & full paper: 20.11.2013 Early bird Discount (10%) on registration: 15.12.2013

4th IconSWM 2014

IconSWM 2014 will deliberate on various issues related to innovation and implementation in sustainable waste treatment technology in the areas of policy & strategies, technical developments in waste separation & collection, transportation, Waste treatment, energy recovery, life cycle analysis, climate change and business opportunities.

3rd IconSWM 2012 was held at Mysore Infosys Campus attended by 1400 delegates. IconSWM was initiated at Netaji Indoor Stadium & Khudiram Anushilan Kendra, Kolkata in 2009 IconSWM consists of the international conference and exhibition. The 2nd IconSWM was held at Jadavpur University, Kolkata. IconSWM - ISWMAW have ongoing research projects at Bangalore on "Statewide study on MSW" (by IISc Bangalore, Jadavpur University Kolkata, ISWMAW), at Mysore for a "Model Bio Gas Plant" (by Mysore City Corporation, National Institute of Engineering CREST Mysore, Jadavpur University and ISWMAW) and at Kolkata on "Study on Asia" Pacific initiatives on Energy Recovery from Waste" (by UKIERI Project CQMS Jadavpur University, Aston University UK, Aqua consult Ingenieur GmbH, Germany) partly funded by IconSWM - ISWMAW.

IconSWM-ISWMAW is working worldwide for tf4icwu (Task Force for International Cooperation for Waste Utilisation) with several researcher from several institutions, e.g., Jadavpur University, NEERI, Tongji University Shanghai, Tsinhua University Beijing, Fu Jen Catholic University Taiwan, University of Malaya Kualalumpur, University of Mauritius, Imperial College London, Sheffield University, Nanyang Technological University, Hong Kong Baptist University, Aston University Birmingham, Kingston University London, University of Leeds, University of Peradeniya Srilanka, University of Melbourne Australia and many others.

Opportunities for Stakeholders in the IconSWM 2014:

- ⇒ Send nomination & registration fee as registered delegate
- Send paper & participate for oral presentation,
- ⇒ Participate as sponsor by sponsoring the international event
- ⇒ Participate as exhibitor by booking your stall
- ⇒ Send entry for IconSWM 2014 Excellence Award for ULBs
- ⇒ Send entry for IconSWM 2014 Excellence Award for industries
- ⇒ Send entry for IconSWM 2014 Excellence Award for temples
- ☐ Compete for the Excellence 2014 Awards in paper presentation
- Participate in the open forum

























IconSWM 2014



Commissioner & Directorate of Municipal Administration

Government of Andhra Pradesh

4th International Conference on Solid Waste Management

and Exhibition on Municipal Services and Clean technology

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IconSWM 2014

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About Hyderabad City:

Hyderabad is the capital and largest city of the southern Indian state of Andhra Pradesh. It occupies 650 square kilometres (250 sq mi) on the banks of the Musi River. Its population is 6.8 million, its metropolitan area having 7.75 million people, making it India's fourth most populous city and sixth most populous urban agglomeration. Throughout its history, the city was a centre for local traditions in art, literature, architecture and cuisine. It is a tourist destination and has many places of interest, including Chowmahalla Palace, Charminar and Golkonda fort. It has several museums, bazaars, galleries, libraries, sports venues and other cultural institutions. Hyderabadi biriyani and Hyderabadi haleem are examples of distinctive culinary products of the city.

The theme of discussion:

- A: Policy and Legal Framework on SWM Sustenance;
- B: Treatment Technology, e.g., Energy Recovery, Composting, Recycling, Landfill
- C: Economic Instrument & Financing Methods, International cooperation,
- D: Best Practices, PPP Models, Case Studies,
- E: Institutional Arrangements & Municipal Governance.
- F: Sustainable SWM in small cities in India.

Contribute papers on the following topics:

- Waste management policies and strategies, Rules, International Cooperation on Waste Utilisation.
- □ Industrial Wastes, Bio-medical Waste, C&D Waste, Hazardous waste
- ⇒ Ash Handling & Waste Mngt. in Mines, Railways, Steel Plants, Airports etc.
- ⇒ Plastics Waste, E-waste, Cattle Waste, Slaughterhouse waste.
- ⇒ Anaerobic Digestion, Bio-gas Plant, Biomass Issues & Solution.
- ⇒ Waste Recycling & Waste treatment.
- Waste-to- energy, Energy recovery and thermal treatment.
- Waste Collection, Segregation, MSW Characteristics, Landfill.
- ⇒ Composting; Biological, Chemical & Bio chemical treatment.
- ⇒ Integrated waste management & Employment Generation.
- ⇒ Technology Machineries and Equipment.
- ⇒ Greenhouse gas consideration in sustainable SWM, CDM, Green Economy.
- ⇒ PPP & EPC for WM, Opportunities to the waste industries.
- → Case studies, Best Practices of SWM in ULBs, City Councils.
- ⇒ Waste Management in Real Estate & High Rise Building.
- ⇒ Waste Avoidance, Waste Reduction, Reuse and Segregation, 3R.
- ⇒ Education, training & capacity building-Waste handlers, community.
- ⇒ Development of Key Performance Indicators (KPIs) for SWM.
- Economics & future business potential through Waste Management.
- ⇒ Fleet Management & GPS in SWM.
- Service Level Bench marking on SWM.
- ⇒ Best Practices in Small Towns.

Facilities for Research Scholars: Registration fee of full time research scholars & students are discounted. Financial aid in the form of registration, accommodation are available for selected participants. To recognize young talents in the waste management and research field, 'IconSWM Waste Researcher Award", "Young scientist Award" and Best Poster Award will be presented.

Call for Technical Paper and Case Studies:

Full paper (within 4000 words) with abstract (within 300 words) to be submitted before 20.11.2013 to the IconSWM Secretariat via e-mail: iswmaw@gmail.com & ju.cqms@yahoo.com. For details visit: www.iswmaw.com & www.iconswm.org. Paper is to be written in English in MS Word format 2003 or 2007, containing the title of paper, references, author/(s) name, address, phone/mobile, fax, e-mail id etc. as per the template given in website. The acceptance will be sent within 15 days. Papers will be peer reviewed to ensure high quality & thematic consistency. Accepted full papers with registration fees paid by 15.12.2013 will be published in the conference proceedings (CD version). Presentation: 15 minutes. Papers may be published in International Journal after their review process. The IconSWM 2014 will have Keynote speeches by experts in plenary sessions followed by parallel technical sessions by invited speakers, leaders & those who contributed papers from ULBs, NGOs, academia, industry, government.

Selected papers will be published in international journal, e.g., Energy Sector Management, Emerald. A few more international journals will be soon announced.

Programme Schedule:

27th January 2014

06.00 pm - Pre Registration Dinner at Exhibition ground

28th January 2014

08.00 am - Registration

10.00 am - Inauguration of IconSWM2014 Conference & Award Ceremony

12.00 pm - Inauguration of Exhibition in IconSWM 2014

02.30 pm - Keynote Speeches and Technical Sessions

05.30 pm - Closing for the day

29th January 2014

8.00 am - Registration (Cont.)

9.30 am - Keynote Speeches and Technical Sessions

02.30 pm - Keynote Speeches and Technical Sessions

05.30 pm - Closing for the day

30th January 2014

8.00 am - Registration (Cont.)

9.30 am - Keynote Speeches and Technical Sessions

11.00 am - Open House Discussion and ISWMAW meeting

02.30 pm -Valedictory, announcement 5th IconSWM & Award Ceremony

04.30 pm - Closing;

(All day Lunch Break- 13.15 pm - 14.30 pm)

Accommodation: Accommodations at moderate cost (varying between Rs. 500/- to 2,000/- per night per person) may be provided in the guestrooms to those who will book in advance by email and the booking fees before 15th December 2013. Tariff is given in the website.

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International Society of Waste Management, Air and Water

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Who should join the conference

ULBs, Regulators & NGOs: Mayor, Chairman, Commissioners, MICs, CICs, Councilors, Urban Planner, Environment Engineers / officers, Sanitary Inspectors, SAEs, officers / supervisors in charge of SWM in ULB, City Councils & local authorities, Regulators e.g., PCB, CPCB, Urban Environmental Non-Government Organization (NGOs) & CBOS.

Industries, Government departments, Educational and R&D Institutes: Senior, Middle & Junior level officer in Industries, Equipment manufacturers & suppliers on SWM, Waste Water, Environment protection, Lab testing services & technology providers, representatives of private sectors involved in generation and handling solid & liquid waste, recycling companies, waste management & environmental consultants & contractors providing services for SWM, funding agencies, Trainers, Industrial waste handlers & Technology / service providers, engineering & monitoring services providers, Environment and production personnel, officers from government departments & PSUs. Real estate developers.

All Payments: All payments are to be made by DD in favour of "ISWMAW" at par or by bank transfer to A/c No.: 0980101026506; Bank: Canara Bank, Jadavpur, S. C Mullick Road, Kolkata 700032, IFSC CODE: CNRB0000980; SWIFT Code: CNRBINBBCFD or Online.

Sponsorship Details: IconSWM secretariat requests you to support by sponsoring the conference. Logo & Name of Sponsors will be displayed appropriately in Backdrop, Stands & Proceedings of IconSWM.

Sponsors will be given adequate mileage thru coverage.

Category of Sponsor & charges Complementary delegates & stall

1. Rhodium Sponsor:12,00,000/-; 6 delegates,12 sqm exhibition stall

2. Diamond Sponsor: 8,00,000/-; 4 delegates, 9 sqm exhibition stall 3. Gold Sponsor : 6,00,000/-; 4 delegates, 6 sqm exhibition stall

4. Silver Sponsor : 3,50,000/-; 3 delegates

Registration fees (10 % discount for Collaborator & Organising Partners; 15% discount for ISWMAW members. (Pay online or by Draft.) The registration fee includes Lunch, invited dinner, participation in conference and entry in exhibition. You may send us request for paid accommodation.

| Code | Category of organization, Delegate Participation, | Fees payable for | |
|------|---|------------------|-----------|
| | Type of organisation | Indian | Foreigner |
| A1 | Delegate from Industry, Service Sector / Delegate from State and Central Govt. Dept., / PSU | INR 6000 | USD 300 |
| A2 | Delegate from ULBs / Municipality / City Council / Municipal Corporation / Panchayat / Delegate from Educational Institute / R&D organization | INR 4000 | USD 250 |
| A3 | Regular Paid Research Scholars / UG & PG Student | INR 2000 | USD 100 |
| A4 | IconSWM Excellence Award for Indian ULBs | INR15000 | |

Exhibition - Municipal Service, Clean Technology & machinery: An exhibition by Industries, Service providers, Municipality & Government will be held where they will exhibit / showcase their products / services / benchmark activities & performance. Details for participation and tariff of stalls are available in www.iswmaw.com. Book your stall through online or mail to: iswmaw@gmail.com. Built-Up Booth (Indoor): Stall sizes in sqm-9, 18, 36 & multiple.

National tariff:
 International tariff:
 Bare space open to Sky Tariff:
 INR 9,000 per sqm;
 USD 200 per sqm;
 INR 4,000 / USD 90 per sqm.

EXCELLENCE AWARDS

IconSWM 2014 Excellence Award for ULBs in 3 categories (For below 1 lac, 1 to 4 lacs and above 4 lacs population): Benchmarked competition for ULBs by voluntary participation. Through participation and feedback many of the participating ULBs have improved in MSW & Municipal Governance. Interested ULBs are to send the filled in Questionnaire **by 15.11.2013** along with fee of Rs. 15,000/-. Selection will be made through 2-tire assessment. Citation and plaque will be given in the Inaugural session to selected ULBs. ULB will bear the expenses of traveling & accommodations of the assessment committee.

IconSWM Excellence Award for Industries in Small, Medium & Big category: Interested industries are to send the filled in Questionnaire by **15.11.2013** along with fee of Rs. 30,000/- in categories for turnover up to Rs. 10 Cr., Rs. 50,000/- for 10 to 50 Cr., and Rs. 1,00,000/- for above 50 Cr. Selection will be made through 2-tire assessment. Citation and plaque will be given in the valedictory session. Industry has to bear the expenses of traveling & accommodations of the expert committee for assessment. The Award Category will be for Small, Medium & Big Industries separately to cover all sizes of industries.

IconSWM Excellence Award for Authors and presentations: Based on the performance of presenting authors in presentation and content of papers, awards will be selected in "**Young Scientist**" and "**General**" category.

IconSWM Excellence Award for temples: Based on the performance in SWM and evaluation process by organising committee, Award will be given to the Temples.



4th International Conference on Solid Waste Management

IconSWM 2014

During January 28-30, 2014, at Acharya NGR Agriculture University, Hyderabad, Andhra Pradesh, India

Core Group members:

Chief Patron 4th IconSWM 2014

Sri. N. Kiran Kumar Reddy, Hon'ble Chief Minister of Andhra Pradesh,

Patron 4th IconSWM 2014

Sri. M. Mahidhar Reddy, Hon'ble Minister for MA & Ud, Andhra Pradesh

Chairman IconSWM & President, ISWMAW

Prof Sadhan K Ghosh, Professor & Head, Mechanical Engineering, Jadavpur University

Chairman 4th IconSWM 2014

Dr. Shailendra Kumar Joshi, I.A.S, Principal Secretary (UD) to Govt, MA&UD Dept, Andhra Pradesh

Co-Chairman 4th IconSWM 2014

Sri. Adhar Sinha, I.A.S. Principal Secretary (MA) to Govt, MA&UD Dept, Andhra Pradesh

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Dr. B. Janardhan Reddy, I.A.S. C&DMA, MA&UD Dept, Government of Andhra Pradesh.

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Sri. Bhupathi Rao, Director, Regional Centre for Urban and Environment Studies, AP

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Ms. Sangita Reddy, Chairman, FICCI, Andhra Pradesh State Council, Hyderabad.

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Prof. B. K. Dutta, Chairman, West Bengal Pollution Control Board, Kolkata

Mr. Vaman Acharya, Chairman, Karnataka State Pollution Control Board, Bangalore

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Prof. V. Jagannatha, ISWMAW, Scientist / Engineer SE (ISTRAC), ISRO, Bangalore,

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Sri. Asit Aich, ISWMAW, Kolkata

Sri. Akhilesh Mahurkar, Director, FICCI, Andhra Pradesh State Council, Hyderabad

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

Technical & Financial Matters to:

Prof. Sadhan K. Ghosh, Chairman, IconSWM

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Administration related Issues to:

Dr. B. Janardhan Reddy, IAS, Executive Chairman, 4th IconSWM 2014

Commissioner & Director of Municipal Administration, Govt. of Andhra Pradesh 640, AC Guards, Opp PTI Building, Hyderabad 500 004, India Phone: +91 40 23302150, Fax: +91 040 23302151/M: +91 9849908576

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