

# Sustainable Waste Management

[ Theme: Waste Management as Economic Industry towards Circular Economy ]

Date & Venue : November 22 - 24, 2018 at Acharya Nagarjuna University (ANU), Guntur, Vijayawada, Andhra Pradesh, India

Principal Collaborator

Swachh Andhra Corporation (SAC), Government of Andhra Pradesh, Vijayawada, India

Under the aegis of

International Society of Waste Management, Air and Water (ISWMAW)

Co-organisers

International Society of Waste Management, Air and Water (ISWMAW)

Jadavpur University, Centre for Quality Management System (CQMS), Kolkata

The Energy & Resources Institute (TERI), New Delhi

Consortium of Researchers in International Collaboration (CRIC)

Indian Institute of Science, Centre for Sustainable Technology (CST), Bangalore

Korean Society of Waste Management, Republic of Korea

Japan Society of Waste Management and Materials cycle, Japan

Acharya Nagarjuna University (ANU), Guntur, India

Andhra Pradesh Pollution Control Board, Vijayawada, India



iswmaw



CQMS, JU



CST, IISc



KSWM



KSWM

CRIC



## About IconSWM - ISWMAW:

Sustainable waste management, sanitation and resources conservation are fundamental goals of the United Nations, articulated in SDG 2030, which has direct bearing on the quality of life for all, but more especially communities in cities. IconSWM is one of the biggest and popular conference platform of ISWMAW established in 2009 in India working for the betterment of WM & environment protection promoting 3R and circular economy concepts with the involvement and participation of more than 40 countries and most of the states in India. 8th IconSWM 2018 will deliberate on various issues related to innovation and implementation in solid and liquid waste management including policies & strategies, segregation, collection, transportation, biological and thermal and mechanical treatment technologies, LCA, climate change, circular economy, research, business opportunities etc. Nearly 900 delegates from 30 countries are expected to participate in the conference and the exhibition in 8th IconSWM, Problem of waste management primarily lies in poor segregation and governance. IconSWM – ISWMAW involves in creating awareness, mobilising best and environmentally sound practices, supporting research and implementation activities. IconSWM – ISWMAW research and other activities includes the significant International Collaborative Research Project, “Global status of implementation of Circular Economy” with experts from 31 countries including UNCRD; Research Projects at IISc, Bangalore, Jadavpur University, and other organisations in West Bengal and Karnataka. 8th IconSWM 2018 has been declared the official side event of the high level Intergovernmental 9th Regional 3R Forum in Asia and the Pacific, to be held in 2019 at Bangkok, Thailand by the Government of Thailand, Ministry of Environment, Japan, and UNCRD. Visit: [www.iswmaw.com](http://www.iswmaw.com) and <http://www.uncrd.or.jp/index.php?page=view&nr=1019&type=13&menu=198>.

## Organising Partners :



UNCRD



International Partnership for  
Expanding Waste Management  
Services of Local Authorities



Rostock  
University



Aston University



Institute of Strategy and Policy  
on Natural Resources and Environment



The Centre for Biomass Research in Germany

## About Swachh Andhra Corporation (SAC), Govt. of Andhra Pradesh

Government of Andhra Pradesh (AP) has decided to conduct 8<sup>th</sup> International Conference on Sustainable Waste Management (8<sup>th</sup> IconSWM 2018) [G.O. RT No.727 dated 26.07.2018] with the objectives to discuss and exchange ideas, networking among the delegates/experts from nearly 30 countries, sharing best practices and projecting the image of the State in different areas of success like, “ease in doing of business”, implementation of Swachh Andhra Mission (SAM) etc. SAM’s vision is “Innovation, indigenously, invention, Transfer of Technology and adoption of best process available globally, stand as a role model for the country”. The Hon’ble Chief Minister of AP is the convenor of the chief ministers’ group in Nity Ayog nominated by the Hon’ble Prime Minister of India.

**Initiatives in AP :** Swachh Andhra Corporation, Govt. of AP has launched missions named, Swachh Andhra, Navya Andhra, Swachha Andhra, Haritha Andhra and Arogya Andhra to support the state-wide sustainable development initiatives and sets the vision of achieving the position within top 3 states by the 75<sup>th</sup> year of India’s independence in 2022 and to make AP, the world’s ultimate destiny by 2050. Setting up of WtE plant, 20 kld FSTP as the only plant in India at Narsapuram, 79 FSTP projects are in progress which is the largest in number in the world, 100% ODF has been planned to achieve by 31.03.2018, modernization in the sanitation in the state with highest number of mechanized vehicles in the country, three C&DW projects in progress, Biomining projects, E-Waste facilities in coordination with the ministry of electronics, Govt of AP, plastics to bio fuel, TSDf for Hazardous / Biomedical wastes, project with Soil biotech technology etc.



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Hon'ble Chief Minister of Andhra Pradesh



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Hon'ble Minister of MA&UD, AP



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Hon'ble Minister of HRD, AP



Shri N Lokesh,  
Hon'ble Minister of Panchayat Raj, & ITC, AP



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Executive Vice-Chairman, SAM, AP



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Chairman, IconSWM & President, ISWMAW



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APPCB, Govt. of AP



Prof A. Rajendra Prasad  
VC, AN University



Shri D. Muralidhar Reddy, I.A.S.,  
MD, Swachha Andhra Corporation



Shri K. Kanna Babu, I.A.S.,  
DMA, Andhra Pradesh



Shri Tapas Ghatak,  
Ex- Project Director, KMDA



Prof. A. Ghosh,  
VP-ISWMAW, JU

## Programme Schedule

### 21st November 2018 (Wednesday)

12.00 am - 07.00 pm - Pre - Registration at the ANU Auditorium;  
05.30 pm - 07.00 pm - Core Group & ISC meeting at conference hall  
AT New Guest House followed by Dinner;

### 22nd November 2018 (Thursday) (Conference & Exhibition)

08.00 am - Entry Pass at the Inaugural Hall adjacent to CM's Bunglow  
10.15 am - Inauguration of 8th IconSWM 2018 Conference and  
Award Ceremony at Hall adjacent to CM's Bunglow.  
11.45 am - Transferring all the delegates to **ANU Auditorium**, Delegates  
to board the bus soon after the inaugural program.  
12.45 pm : Inauguration of Exhibition at ANU oppt. to the auditorium  
: Lunch will be served at the Hebbal Garden at ANU  
: Placement of Posters by poster presenters at Auditorium  
14.00 pm : Plenary Session on 3R & CE and Technical Sessions  
15.30 pm : Tea / Coffee Break  
15.50 pm : Meet the Foreign Experts with Indian stakeholder :  
Open House Discussion  
16.30 pm : Parallel Technical Sessions 1, 2, 3, 4, 5  
17.45 pm - Delegates heading to **Bhavani Island** situated in the midst of  
the Krishna River for cultural Program & Reception Dinner.  
21.15 pm - Exit

### 23rd November 2018 (Friday) (Conference and Exhibition)

08.30 am onwards - Registration ( Cont.)  
09.00 am - Plenary sessions 2,3,4  
10.30 am - Technical sessions and panel discussion, [TS 6 - 15]  
13.30 pm - Lunch  
02.30 pm - Technical Sessions and panel discussion, [TS 16 - 25]  
05.30 pm - Discussion with the VCs of universities in AP and  
foreign researcher for collaboration coordinated by  
ISWMAW & APSICHE for MOU  
07.00 pm - Exit

### 24th November 2018 (Saturday) (Conference and Exhibition)

08.00 am - Registration ( Cont.);  
09.00 am - Plenary Sessions, 5,6,7  
10.30 am - Technical Sessions & Panel Discussion [26- 30];  
12.00 pm - IconSWM resolutions  
13.00pm - Lunch Break  
02.15 pm -Valedictory, announcement 9th IconSWM2019 & Award  
Ceremony  
04.15 pm - Closing;

### 25th November 2018 (Sunday):

9am : Field Visit to SWM Facilities, City tour from ANU gate  
10.30 am : Post Conference Training Workshop up to 15.00 pm

**Submit Abstract and Full Paper by 22/09/2018; mail to : [8thiconswm.conference@gmail.com](mailto:8thiconswm.conference@gmail.com) and  
- to Online submission link: <https://easychair.org/cfp/8th-IconSWM2018>**

**Who should be nominated to the conference :** Educational and R&D Institutes, Industries, Government departments : Faculties / Professors, Scientists & Researchers, 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, consultants & contractors providing services for SWM, funding agencies, Trainers, Technology / service providers, Environment and production personnel, officers from government departments & PSUs, Real estate developers.

**ULBs, Regulators & NGOs :** Mayor, Chairman, Commissioners, Health Officers, Sanitary Inspectors, SAEs, officers / supervisors in ULB, MICs, CICs, Councilors/ Corporators, Urban Planner, Environment Engineers, City Councils & local authorities, Regulators e.g., PCB, CPCB, Non-Government Organization (NGOs), Waste Management Associations.

## Registration Fees & Paper Submission Details:

**Registration Fees:** The Registration Fees per delegate will be payable as per the following table. Please pay registration fees online or bank transfer or by Bank Draft in favour of "ISWMAW" or by cash at the registration counter with prior approval. Registration fee includes conference & exhibition participation, conference proceedings in CD, lunch and reception dinner. **Early bird discount @10% is available up to 22/09/2018.**

**[Other Discounts : Up to 15/10/2018, 15% for delegates from Co-Organisers/ Collaborators/ Industry Partners / Least Developed Countries (LDC) / ISWMAW members. Delegates in these categories may be eligible for both the discounts of (@15% + Early Bird @ 10% = 25% discount) up to 22.09.2018].** [ ISWMAW : GSTIN No. 19AAAAI5186J1ZB].

Code	Delegate Participation, Category / Type of Organization	Registration Fees Payable for	
		Indian	Foreign Country
A1	Delegate from Industry / Service Sectors / State and Central Govt. Dept. / PSUs.	INR 12,000 +18% GST	USD 400 + 18% GST
A2	Delegate from Educational Institute (Teachers) / R&D Institute / ULB / Municipality / City Council / Municipal Corporation / Panchayat / NGO	INR 8,000 + 18% GST	USD 320 + 18% GST
A3	Research Scholars / Masters & PhD Students.	INR 2,500 + 18% GST	USD 125 + 18% GST

## Paper / Best Practices Submission Details:

**Technical Paper Submission:** Submit Abstract within 300 words & Full paper within 4000 words **by 22/09/2018** in maximum 9 pages A4 size, 11 font Times New Roman in English in MS Word containing the title of paper, author/(s) name, address, phone/mobile, fax, e-mail id etc., references. Submit Abstract & Full Paper to: **8thiconswm.conference@gmail.com / iswmaw@gmail.com** and online as below. Papers will be peer reviewed to ensure high quality & thematic consistency. All accepted **full papers with registration fees paid by 30/09/2018 will be published** in the conference proceedings (CD version). Presentation: 12 minutes. The IconSWM 2018 will have Keynote and Plenary speeches by experts followed by parallel sessions by invited speakers and speakers of contributed papers from academia, industry, government, ULBs, R&D Institutes and NGOs. Paid registered author can present two papers.

**Procedure for Online submission :** Go to submission link & click : <https://easychair.org/cfp/8th-IconSWM2018> ;This will bring you to "Log in to Easy Chair". If you have no EasyChair account, create an account by putting valid email and password. Once you log in , it will take you to "My EasyChair" page; Follow instructions and you will be able to submit papers. Follow the instruction on attached pages. **If you have any problem, submit the paper to above email only.**

### Submission date of Abstract with Full Paper: 22/09/2018

#### **Conference Agenda for Papers on Research, Case study & Implementation**

#### **A-R&D :**

- ⇒ Research, Technology & Emerging Innovations, Low Carbon SWM.
- ⇒ New Technology, Machinery, Equipment, Processes and its Management.

#### **B-Policy & Support :**

- ⇒ Policy, Legal, Economic, Cooperation, Governance, Circular Economy
- ⇒ 3Rs and Circular Economy
- ⇒ Economic Instruments, Financing Methods, International cooperation.
- ⇒ Municipal Governance, Climate Mitigation.

#### **C-Sustainability :**

- ⇒ Greenhouse gas and Low Carbon consideration in sustainable SWM,
- ⇒ CDM, Green Economy, Environmental & Health Impact.

#### **D-Swacchha Bharat Mission and Cleanliness movement**

- ⇒ SBM Implementation, Modernization of toilets, Swacchha City Survey.
- ⇒ Waste Water treatment & Recycling. Fecal Sludge Management.

#### **E - Current Status & Implementation of WM**

- ⇒ Solid & liquid Waste Management.
- ⇒ Kitchen Waste, Cattle Waste, Slaughterhouse waste, Garden Waste.
- ⇒ Industrial Wastes, Waste Mngt. in Mines, Railways, Steel Plant, Airport.
- ⇒ Plastics Waste, E-Waste, C&D Waste, Bio-medical & Hazardous Waste,
- ⇒ Best Practices, PPP Models, Case Studies, Community Participation.
- ⇒ Earthquake Engineering & Disaster Waste Management
- ⇒ Biomass supply chain,
- ⇒ Energy Recovery : WTE, Bio-methanation, Plasma, Biological, Chemical & Bio-chemical Treatment, Biofuels and Bio energy production.
- ⇒ Landfills (& leachate), Composting, Recycling, Special Processes
- ⇒ Waste Management in smart cities; Waste Management in Real Estate, High Rise Bldg & Housing Complex.
- ⇒ Integrated waste management , Zero Waste Management & Employment Generation, Community Involvement.
- ⇒ Agriculture and Agro Industry Waste Management
- ⇒ Capacity building; Best Practices in Small Towns, Fleet Management & GPS.

**Papers for Special Issues of International Journals and Book :** Papers will be selected for special issues of, a) WM&R (SAGE Publication), b) International Journal of Materials Cycle and Waste Management (Springer Publication), c) International Journal of Energy Sector Management (IJ ESM) (Science Direct), d) International Journal of Resources Conservation, Circulation and Management (to be launched soon by Springer Publication) and e) Author's work will be selected to publish as an edited book with Springer Nature and will be indexed by top indexing bodies after publication.

**Support for Research Scholars & Adhoc teachers:** Financial aid in the form of registration / accommodation are available for selected participants among research scholars and Adhoc Teachers submitting the full papers. Recognition for young talents in the research and in waste management implementation thru, IconSWM Excellence Award, Young Scientist Award, & IconSWM Implementer Award".



## Sponsorship, Exhibition & Award Details:

**DISCOUNTS :** # 10% Early bird discount up to 22/09/2018 on Registration fee, Sponsorship charge & Exhibition Stall Booking charges.  
# 25% Early bird discount for Industry Support Partners, Co-organisers, Collaborators & ISWMAW members up to 22/09/2018.  
# 15% General discount for Industry Support Partners, Co-organisers, Collaborators & ISWMAW members up to 15/10/2018.

**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, Standby & Proceedings of IconSWM. **Sponsors will be given adequate mileage thru coverage.**

### Category of Sponsor & charges      Complementary delegates & stall

- 1. Diamond Sponsor: Rs. 7,50,000/- - 3 delegates, 9 sqm. exhibition stall**
- 2. Gold Sponsor : Rs. 5,00,000/- - 3 delegates, 6 sqm. exhibition stall**
- 3. Silver Sponsor : Rs. 3,50,000/- - 4 delegates**

([Payment of 18% GST is applicable in addition); (ISWMAW : GSTIN No. 19AAAAI5186J1ZB)]

### **Exhibition:**

Exhibition by Industries, Service providers, Municipality & others will be held where they will exhibit / showcase their products / services / benchmark activities & performance. Book your stall through [www.iswmaw.com](http://www.iswmaw.com) or mail to: [iswmaw@gmail.com](mailto:iswmaw@gmail.com) before 30/10/2018. Stall sizes (sqm) - 6, 9, 12, 18, 36 .

➔ **National tariff :** INR 8,000 per sqm; **International tariff :** USD 150 per sqm; **Plus Applicable @18%GST.**

### **Type of Industries to Join:**

**Recycled Products** - Production and Management;  
**City Wastes** - Solid Waste Management & Recycling;  
**City Water** - Water and Waste Water;  
**City Clean** - Cleaning Technologies & Conservancy;  
**Green City** - Environment, Pollution Control & Sustainability;  
**Smart City** - Urban Infrastructure Development;  
**City Safe** - Safety, Security and Disaster Management;  
**University**-Training Modules, Courses, Showcase WM Facility

**City Trans** - Urban Transport & Traffic;  
**e-City** - Urban e-governance & IT Solutions;  
**City Building** - Construction & Building Materials;  
**City Space** - Urban Build Environment;  
**Technologies** - w-t-c, w-t-e, Bio Methatanation Plant, Pyrolysis Plant, Gasification Plant, Feacal Sludge Plan, Material Recovery Facilities and other Recycling Technologies.  
**Government & ULBs** - Policies, Management Tools, Collection and Treatment Processes

**Post-Conference Training and Field Visit:** Please register for the Post-Conference Training and Post-Conference Field Visit by sending mail to [8thconswm.conference@gmail.com](mailto:8thconswm.conference@gmail.com) before 15/10/2018.

### **IconSWM Excellence Awards for Industries, ULBs and best papers:**

**Excellence Award for ULBs and Industries:** ULBs and Industries can participate in the competition for Excellence Award. The application form is available in the conference website [[www.iswmaw.com](http://www.iswmaw.com)]. Field in application with entry fee of Rs. 20,000/- has to be submitted **by 22/09/2018**. The ULBs and Industries selected in the 1st round document assessment will be assessed in situ in the 2nd round. They have to bear the travel and accommodation cost of the assessor/s for the in situ assessment. The final selection will be made in the 2nd round final assessment. Awards will be handed over in the inaugural programme.

**IconSWM - Springer Excellence Awards for best Papers:** Best Papers will be selected to give "IconSWM - Springer Excellence Award". Recognition of young talents in the research and in waste management implementation thru, IconSWM Excellence Award, Young Scientist Award, & IconSWM Implementer Award".

### **Address for Communication - All communications to be made to the following :**

#### **IconSWM-ISWMAW Head Quarters & Secretariat:**

**Prof. Sadhan K. Ghosh, Chairman, IconSWM & President, ISWMAW;** Professor, Mech. Engg. & Coordinator, CQMS, Jadavpur University, Kolkata, India; President, International Society of Waste Management, Air and Water, M : +91 9830044464 / 9831567464, Telefax: +91 33 2414 6207 / 24572628 / 2488/ 2256; Email: [8thconswm.conference@gmail.com](mailto:8thconswm.conference@gmail.com) / [iswmaw@gmail.com](mailto:iswmaw@gmail.com) / Other phone nos. : Kolkata - +91 9433304703 / 8981553106 / 9831050447 / 9883010828

#### **IconSWM-ISWMAW Secretariat at Vijayawada:**

**Mr. D. Murlidhar Reddy, IAS, Managing Director, Swachh Andhra Corporation, MA&UD Department, Govt. of Andhra Pradesh, Flat #303, 3rd Floor, Gunadala, Vijayawada, AP, India, Executive Chairman, 8th IconSWM 2018;** Contact No. +91-8662456708, +91-9989252959, +91-9440075019, Email ID: [mdswachhandhra@gmail.com](mailto:mdswachhandhra@gmail.com) / [edswachhandhra@gmail.com](mailto:edswachhandhra@gmail.com)

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**and to online submission link : <https://easychair.org/cfp/8th-IconSWM2018> by 22/09/2018**



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Keynote,  
Plenary and  
Special Sessions**



Prof. Raffaello COSSU,  
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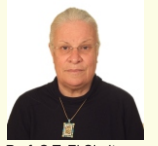
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