

# 12th International Conference on Sustainable Waste Management & Circular Economy and IPLA Global Forum 2022

**Modes of Conference Attendance & Presentation: In Person & Virtual Mode (Blended)****Date : November 30 - December 03, 2022, Venue: Sri Venkateswara University, Tirupati, Andhra Pradesh, India****Principal  
Organisers:**International Society of Waste Management, Air and Water (ISWMAW)  
Sri Venkateswara University, Tirupati, Andhra Pradesh, India  
Centre for Sustainable Development and Resource Efficiency Management, Jadavpur University, India**12th IconSWM-CE 2022****International  
Society of Waste  
Management  
Air and Water****Sri Venkateswara University****CSD&REM, JU****Under the aegis of : International Society of Waste Management, Air and Water (ISWMAW)****Collaborating institutions:****Submission Date: Abstract (250 words) 30/10/2022 and Full Paper: 10/11/2022 to [publication.iconswm@gmail.com](mailto:publication.iconswm@gmail.com)****Also Submit the Abstract and Full Paper in Google Form: <https://forms.gle/8XVwrjXnJ9wC915b6>**Probable Special Issues : Waste Management & Research (SAGE); Journal of Solid Waste Technology and Management  
International Journal of Energy Sector Management AND Books to be published by publishers of international repute.**Submit Full Paper; Join 12th IconSWM-CE & IPLA Global Forum 2022; Interact with Researchers from 40 countries in the International Collaborative Research Meeting; IconSWM-CE Excellence Awards and many other attractions in the conference. Visit: [www.iswmaw.com](http://www.iswmaw.com); [www.svu.ac.in](http://www.svu.ac.in)****Papers / Best Practices Submission Details:****Submit Abstract** within 250 words with author details, corresponding author, 5 key words by 30/10/2022 and **Full Paper** [minimum 6,000 & maximum 10,000 words] by 10/11/2022 in A4 size, 11 font Times New Roman in English, MS Word containing the title of paper, author/(s) name, address, phone/mobile, fax, e-mail id etc., references for publication and presentation.**Topics of Interest****Solid and Liquid Waste Management, Policies and Technologies****Abstract & Full Paper Submission date: 30/10/2022 and 10/11/2022 respectively.**

- ❖ Code A: Legislation, Strategies, Policies, 3R & Circular Economy, Smart Cities, implementation, Resource efficiency.
- ❖ Code B: Solid Waste Management (Municipal, Plastics, E-Waste, Industrial, Hazardous, BMW, C&DW, Metal, Textiles, Food, Agricultural, Biomass, ELV, Steel Slag, Fly Ash).
- ❖ Code C: Liquid Waste Management (Wastewater, Sludge etc.).
- ❖ Code D: Technologies & Innovation (Treatment, Recycling, Co-processing, Implementation, Energy & Material Recovery, Value Added Products, Secondary Raw Materials).
- ❖ Code E: Case Studies, Best Practices, Reverse Logistics, Supply Chain Sustainability.
- ❖ Code F: Business Models, Feasibility Studies, Theoretical Modeling etc.
- ❖ Code G: Others.

**All the delegates have to be registered to join the 12th IconSWM-CE & IPLA Global Forum. Registration details are available in other pages and in website.****About IconSWM - ISWMAW:** Sustainable waste management, sanitation and resources conservation are fundamental goals of the United Nations, articulated in SDG 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. 12th IconSWM-CE & IPLA Global Forum 2022 will deliberate on various issues related to policy, innovation and implementation in solid and liquid waste management and will be the official pre-event of Intergovernmental 13th Regional 3R Forum in Asia and the Pacific to be held in 2023 by Govt. of Japan and UNCRD.**All communications to be made to the followings : IconSWM-ISWMAW Head Quarters & Secretariat & IPLA Global Secretariate:****Prof. Sadhan K. Ghosh**, Founder & Chairman, IconSWM-CE, Professor, ME Deptt. and Chief Coordinator, Centre for Sustainable Development & Resource Efficiency Management, Jadavpur University, Kolkata, India; M : +91 9830044464 / 8777686385, Email: [iswmaw@gmail.com](mailto:iswmaw@gmail.com); Other phones : +91 9038638642 / 9831050447 / 9883010828 / 8900541042 / 8240537668; **Visit:** [www.iswmaw.com](http://www.iswmaw.com); [www.jaduniv.edu.in](http://www.jaduniv.edu.in) and [www.sadhankghosh.com](http://www.sadhankghosh.com)**SVU Secretariat : Prof. S. Varadarajan**, Convenor, 12th IconSWM-CE & IPLA GF2022; Professor, Dept of ECE, SVU; M: +91 99493 00990, Email: [svuiconswm2022@gmail.com](mailto:svuiconswm2022@gmail.com); **Visit:** [www.iswmaw.com](http://www.iswmaw.com) and [www.svuuniversity.edu.in](http://www.svuuniversity.edu.in)**12th IconSWM-CE & IPLA Global Forum 2022 is supported by the following Organisations:**

- # United Nations Centre for Regional Development (UNCRD), Japan
- # Rostock University, Germany; # Aston University, UK; # South Asia Co-operative Environment Programme (SACEP), Sri Lanka;
- # IGES Centre Collaborating with UNEP on Environmental Technologies, Japan; # Centre for South East Asian Studies (CSEAS), Indonesia;
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- # Consortium of Researchers in International Collaboration (CRIC)

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**Registration Fees (Revised):** All the Delegates have to pay the Registration Fee 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 entry to the conference through in person or virtual platform, publication in conference e-proceedings of Abstracts, presentation and joining in the International Collaborative Research Meet and publication by selection of papers for Journal & Books.

[ ISWMAW : GSTIN No. 19AAAAI5186J1ZB].

Code	Delegate Participation, Category / Type of Organization	Registration Fees Payable	
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A1	Delegate from Industry / Service Sectors / State and Central Govt. Dept./PSUs.	Rs. 7,000/-	USD 180
A2	Delegate from Educational Institute (Teachers) / R&D Institute / ULB / Municipality / City Council / Municipal Corporation / Panchayat / NGO	Rs. 5,000/-	USD 125
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**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.

### EXHIBITION

Exhibition by Industries, Service providers, Municipality Educational and R&D Institutes and NGOs 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 30/10/2022. Stall sizes (sqm) Octonorm - 6, 9, 12, 18, 36.

#### 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, Faecal Sludge Plan, Material Recovery Facilities and other Recycling Technologies.  
**Government & ULBs** - Policies, Management Tools, Collection and Treatment Processes

**TARIFF:** Tariff: INR 8,000 per sqm. + GST (18%);  
 Bare space open to sky Tariff: INR 3,000 / USD 60 per sqm. + GST (18%).

### IconSWM-CE Excellence Award 2022 for Industries, Temples, NGOs and Academic Institutes:

Interested Industries and Temples may apply for **IconSWM-CE Excellence Award 2022** for their Significant Performance in Waste Management. Application Form may be downloaded from [iswmaw@gmail.com](mailto:iswmaw@gmail.com). The filled in application may be sent to [iswmaw@gmail.com](mailto:iswmaw@gmail.com) by 30/10/2022 with the online payment receipt of Rs. 20,000; For Academic Institutes & SMEs - Rs. 15,000/-. The assessment will be made online and insitu by our experts. For insitu assessment, travel and accommodation re to be arranged by the applicant organization. Please submit the Goggle Form for primary willingness to participate: <https://forms.gle/rq9wukdvu4NhAGms9>

**All communications to be made to the followings :** IconSWM-ISWMAW Head Quarters & Secretariat: (Mail to : [iswmaw@gmail.com](mailto:iswmaw@gmail.com))

**Prof. Sadhan K. Ghosh**, Founder & Chairman, IconSWM-CE, Professor, ME Dept. and Chief Coordinator, CSDREM, Jadavpur University, Kolkata, India; M : +91 9830044464 / 8777686385, Email: [iswmaw@gmail.com](mailto:iswmaw@gmail.com); Other phones : +91 9038638642 / 9831050447 / 9883010828 / 8900541042. 9883010828 / 8900541042 / 8240537668; Visit : [www.iswmaw.com](http://www.iswmaw.com) and [www.jaduniv.edu.in](http://www.jaduniv.edu.in) and [www.sadhankghosh.com](http://www.sadhankghosh.com)

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## Tentative Programme Schedule

	IconSWM-CE Auditorium	Senate Hall	Hall 1	Hall 2	Hall 3	Hall 4
	<b>29.11.2022-Day 0 – Pre-Conference Day</b>					
12.00 -	Pre - Registration at the IconSWM-CE Auditorium;					
2.30 pm	IconSWM-CE 2022 Local WGs meeting – Review the final Preparation & 6 pm : IconSWM-CE Core Group & ISC meeting followed by dinner					
	<b>30.11.2022-Day 1 - Wednesday</b>					
10.00am	Inaugural Programme IconSWM-CE Auditorium					
12.00 pm	Open House interaction: Meet the Foreign Experts with Indian stakeholder at IconSWM-CE Auditorium					
12.45	Opening of the exhibition: Exhibition Ground					
1.15	Lunch Break	Poster Presentation				
2.30 – 3.45 pm	SS-1: UNCRD Special Session: - 2nd Drafting Com. Meeting-cum-Experts Consultation on Pre-Zero Draft new 3R and CE Declaration (2024-2034) .....	PS-1: 3R & CE	PS-1: Industries	TS-1: LWM	SS-2: Special Session –SWM & Circular Economy in Russian Fed & neighbouring countries	
4.05 – 6.00 pm	PS-3: Plenary Session on SWM	SS-3: Special Session: Recycling & Valorisation	SS-4: Special Session –Indian and the UK team: Going Global Partnership Project,	SS-5: UNCRD Special Session: - 2nd Drafting Committee Meeting by UNCRD	PS-4: Plenary Session on LWM	SS-6: Special Session – Waste Management and CE in East Europe & transcontinental country
7.00 pm	Cultural Programme and Conference Reception Dinner.					
	<b>01.12.2022 – Day 2 - Thursday</b>					
9.30 – 11.10 pm	PS-5: Plenary Session: Waste Management & Resource Efficiency in USA & Latin America	SS-7: Circular Economy and Resource Efficiency by GIZ	PS-6: Plenary Session: Health Care/Biomedical WM (SVIMSU)	SS-8: 2nd Drafting Committee Meeting by UNCRD	TS-2: Unnat Bharat- Innovation in WM & Business models	SS 9 : Special Session – Microplastics & Marine Littering
11.30 – 1.15 pm		PS-7: Plenary Session for industries	SS-10: Special Session – by CCET-IGES, Japan	SS-11: UNCRD Special Session: - 2nd Drafting Committee Meeting by UNCRD	TS-3: Technical Session: SWM Modelling & Research	TS-4: Technical on Plastics Waste
2.30 – 3.45 pm	PD-1: Panel Discussion: Biomining, Legacy Dumpsite, MRF and Coprocessing	PS-8: Plenary Session on SWM in Asia and the Pacific	SS-12: Special Session – Waste Management & Circular Economy in Island Countries	SS-13: UNCRD Special Session: - 2nd Drafting Committee Meeting by UNCRD	TS-5: Technical on LWM	TS-6: Technical on E-waste & EPR
4.05 – 6.00 pm	SS-14: SINTEF Special Session: - Ocean Plastic Turned into an Opportunity in Circular Economy (OPTOCE)	PD-2: Panel Discussion: How SWM Rules 2016 can develop business in India	TS-7: Technical Session on Policies	SS-15: 2nd Drafting Committee Meeting by UNCRD	TS-8: C&D Waste Management	TS-9: Temple Waste Management
7.00 – 9.30 pm	at Senate Hall : Discussion on Collaborative Research Projects: Indian and Foreign Universities & research institutes (Synopsis of Proposal to be sent earlier for invitation) – To be conducted by Prof. Sadhan K Ghosh, President, ISWMAW ; Prof. K. Hemchandra Reddy, Chairman, APSCHE; and Prof. K Raja Reddy. Vice Chancellor, SVU					
	<b>2.12.2022 – Day 3- Friday</b>					
9.30 – 11.00 pm	PS-9: Plenary Session on 3R	SS-16: Special Session – Waste Management and CE in Bangladesh	SS-17: Special Session – Management and CE in Australia by Griffith University,	TS-10: Climate Change & Air Pollution organised by NARL, Tirupati	SS-18: Special Session – Resource Recovery from Agricultural and Dairy Wastes	TS-11: Waste Management and CE in Vietnam and neighbouring countries
11.20 – 1.15 pm	PS-12: Plenary Session: European Experience of waste management		SS-19: Special Session –SWM & Circular Economy in Africa	TS-13: Symposium on Biomedical Waste Management	TS-14: Technical session: Agriculture Waste	TS-15:
2.30 – 3.00 pm	TS-16: Agriculture Waste	TS-17: Waste Management as Business Models	TS-18:	TS-19:	TS-20:	
3.12.2022	9 am - 5 pm: Field Visits to SWM facilities & industries and Temple.					