ISWMAW International Society of Waste Management Air and Water

GITAM (Deemed to be University) NAAC A++ ACCREDITED | SCHOOL OF BUSINESS

G-TEC DST GITAM-Technology Enabling Centre

IPLA International Partnership for Expanding Waste Management Services of Local Authorities (A SDG partnership)

14th International Conference on Sustainable Waste Management – Circular Economy and IPLA Global Forum 2024

International Society of Waste Management Air and Water

14th IconSWM-CE & IPLA GF 2024

Hybrid Mode

Technical Details

November 28th to December 1st 2024

GITAM (Deemed to be) University
Visakhapatnam, Andhra Pradesh, India - 530045

14th IconSWM-CE & IPLA GF 2024

About Conference

Resource exploitation, waste generation and increased emission are impacting nature and life on the earth. Nearly 2.1 billion tonnes of waste generation at present are estimated to reach a colossal dump of 3.4 billion tonnes by 2050 while India contributes to 12% with 17.7% global population and 2.4 % of total world surface area. Increase in global mean temperature creating problems in human civilisation. To achieve sustainable development goals and make the world comfortable for the next generations we have to change the consumption patterns to reduce waste generation with resource efficiency and convert waste into valuable products decarbonising the processes. The overall aim of the 14th IconSWM-CE & IPLA GF 2024 is to facilitate discussions and knowledge sharing among various stakeholders such as, the government, academic and research institutes, industries, Urban Local Bodies (ULBs), NGOs, and other interest groups from various countries to address above issues involving 800 delegates from nearly 60 countries.

Circular Economy

Circular economy is a systems-level approach to economic development and a paradigm shift from the traditional concept of linear economy model of extract-produce-consume-dispose deplete (epcd2) to an elevated echelon of achieving zero waste by resource conservation through changed concept of design of production processes and materials selection for higher life cycle, conservation of all kinds of resources, material and/or energy recovery all through the processes, and at the end of the life cycle for a specific use of the product will be still fit to be utilised as the input materials to a new production process in the value chain with a close loop materials cycles that improves resource efficiency, resource productivity, benefit businesses and the society, creates employment opportunities and provides environmental sustainability. CE helps in utilising Secondary Raw Materials (SRM).

However, linear economy model of extract-produce-consume-dispose deplete (epcd2) ignores the high economic, environmental and social costs related to the extraction, transformation and disposal of resources and is, therefore, unsustainable in the long term. CE focused on regenerative close loop system for living within our planetary boundaries. However, a transition to a CE is both a necessity and an opportunity, with the potential to offer long-lasting economic, environmental and social benefits.

Themes / Areas

Related to Waste Management and Circular Economy:

WASTE

Solid Waste Management (Municipal, Plastics, E-Waste, Industrial, Hazardous, BMW, C&DW, Metal, Textiles, Food, Agricultural, Biomass, ELV, Steel Slag, Fly Ash), Liquid Waste Management (Wastewater, Sludge etc.), Waste Stream Analysis, Waste-to-Resource, 3R & Circular Economy, Net zero economy, Up cycling, Down cycling, Sustainable Packaging, Circular Product design, Circular Business Model, Circular Cities, Environmental Footprint, Waste Diversion, Waste Audit, Waste Governance, Other case studies related to Circular Economy, Green Supply Chain Management

POLICIES AND REGULATIONS

Legislation, Strategies & Policies, Procurement policies, International agreement and treaties, Legislative acts related to waste management

ENGINEERING

Material Recovery Facilities (MRF), Theoretical Modeling, Design for Remanufacturing, Eco-design, Closed-loop Manufacturing, Reverse Cycles and Cascades

TECHNOLOGY

Technologies & Innovation (Treatment, Recycling, Co-processing, Implementation, Energy & Material Recovery, Value Added Products, Secondary Raw Materials), Sustainable Manufacturing in Industry 4.0 and 5.0

Social

Smart Cities implementation, Ecological Design, Partnership and collaboration, Behavioral change and public awareness, Social impact of waste management, Community based waste management, Stakeholder engagement

Business

Business Models, Feasibility Studies, Reverse Logistics, Supply Chain Sustainability, Green Procurement, Green Infrastructure, Eco-efficiency, Eco-labeling, Sustainable Consumption and Production (SCP), Best Practices, Extended Producer Responsibility (EPR)

Industry

Material Passport, Sustainable Materials Management, Green Chemistry, Resource efficiency, Regenerative Design, Life Cycle Assessment (LCA), Bio-economy

Entrepreneurship

Social Entrepreneurship, Environmental Entrepreneurship, Sustainable Entrepreneurship, Environmental Social and Governance (ESG), Design thinking and frugal innovation for sustainability

Above areas are indicative, other related areas are also welcome

Publication Opportunity

Papers will be selected for publication in the special issues of Scopus Indexed Journals and Books as per their respective review processes and other requirements.

- Special Issue of Journal of Energy Sector Management
- Special Issue of Journal of Solid Waste Technology and Management
- A few Journals published by Willey International (Yet to be approved)
- Edited volume of books by Springer Nature, Taylor & Francis and ISWMAW.

CONFERENCE TRACKS

Keynote addresses, Plenary Sessions, Special Sessions, Technical Sessions, Panel Discussions, Industry Specific Session, Country/Region Specific Sessions, UNCRD Session

WHO SHOULD PARTICIPATE

Academic and R&D Institutes - faculties and researchers, PG & PhD researchers, industry practitioners, PSUs, government and private sectors, Regulators like SPCB, CPCB, ULBs, Health care units, Hotels, Waste Management stakeholders, Recycling companies, Funding agencies, Technology providers and Plant Operators, Consultants, Pollution control equipment manufacturers, Entrepreneurs, SMEs, regulators, NGOs, Waste Management Associations, Real estate developers.

IconSWM-CE Country Specific Working Groups (CSWG)

Algeria, Australia, Austria, Bangladesh, Bhutan, Brazil, Cambodia, Canada, China, Cook Island, Cyprus, Denmark, Ecuador, Egypt, Ethiopia, Fed of Micronesia, France, Georgia, Germany, Ghana, Hong Kong, Hungary, India, Indonesia, Italy, Japan, Jordan, Kazakhstan, Kenya, Kiribati, Malaysia, Maldives, Mexico, Morocco, Nepal, Nigeria, Norway, Palau, Papua New Guinea, Philippines, Republic of South Korea, Russia, Slovenia, Spain, Sri Lanka, South Africa, Tanzania, Thailand, Tokelau, Tonga, Tunisia, Turkey, Tuvalu, Uganda, United Kingdom, USA, Vietnam, Zambia

GITAM
VISAKHAPATNAM

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Submission Details to Publish in Proceedings, Books & Journals

Abstract (250 words) by 31/08/2024 and Full Paper (6000 to 8000 words) by 30/09/2024 to : iconswm.ce@gmail.com & iconswmce@gitam.edu

Click to know more

Registration Details

Registration fee includes entry to the conference through in-person or online, publication in conference e-proceedings of Abstracts, presentation and joining in the International Collaborative Research Meet, selection of papers for journals & Books as per the requirements of respective Journals & Books. **Click to know more**

Category / Type of Organization	Registration Fee	
	Indian (INR) (excluding GST)	Foreign (USD) (excluding GST)
Delegate from Industry/ Service Sectors/ State and Central Govt. Dept./ PSUs	INR 7,000*	USD 180*
Delegate from Educational Institute/ R&D Institute/ ULB/ Municipality/ City council/ Municipal corporation/ Panchayat/ NGO	INR 5,000*	USD 100*
Research Scholars/ Masters & PhD students/ Post Doc	INR 800*	USD 25*

*** GST 18% applicable**

IconSWM-CE Excellence Award 2024: Send an email to iswmaw@gmail.com

A. Industries, NGOs and Academic Institutes interested in competing for IconSWM-CE Excellence Award 2024 may apply for IconSWMCE Excellence Award 2024 for their Significant Performance in Waste Management, Circular Economy and Green Campus.
B. Cement Industries, Construction companies, Waste Processing Industries, ULBs, and Urban Mining Companies interested in competing for the "IconSWM-CE Excellence Award 2024 for coprocessing" and "IconSWM-CE Excellence Award 2024 for Construction & Demolition Waste Management" may apply, mentioning their Significant Performance in relevant areas.

On receiving the willingness to compete, the requisite forms will be sent. Entry Fees for in each category is Rs. 25,000/- for industries & Rs. 15,000/- for Academic Institutes, Small Industries & NGOs on each category; The assessment will be made online and in-situ by our experts. For in-situ assessment if needed, travel and accommodation need to be arranged by the applicant organization. Please submit the Goggle Form for primary willingness to participate: https://forms.gle/rq9wukdvu4NhAGms9

Payment Procedure

All payments towards charges for Delegate Registration fee have to be paid online using Visa card on www.iswmaw.com or by bank transfer or by Bank Draft at par payable in favour of "International Society of Waste Management, Air and Water" to A/c No.: 0980101026506; Bank : Canara Bank, Jadavpur, S. C Mullick Road, Kolkata 700032, IFSC CODE : CNRB0000980, Swift Code: CNRBINBBCFD. The entry fee to IconSWM-CE Excellence Award 2024 competition is payable by bank transfer or by Bank Draft at par. [GSTIN No. 19AAAAI5186J1ZB]. Visit www.iswmaw.com

Further Details Contact

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