



## 11<sup>th</sup> IconSWM-CE & IPLA Global Forum 2021

**Program Schedule (Draft\_16.11.2021\_R<sub>0</sub>); Time: IST (UTC+5.30) [+5.30 GMT]**

[Keynote Session -One; Plenary sessions - Five; Special Sessions- Fourteen; Technical Sessions- Twenty; Total Presentations: 320]

**Authors & organizers: Kindly check your paper; Send feedback if there is any problem; mail to : [iconswm.ce@gmail.com](mailto:iconswm.ce@gmail.com)**

**Request to you:** You are cordially invited to attend the conference. Kindly circulate the schedule to your network for more participation of related stakeholders, namely researchers, Masters and PhD students, Industries, government agencies, municipalities, SWM operators, NGOs and others. (Visit : [www.iswmaw.com](http://www.iswmaw.com)).

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**DAY 1, 01.12.2021, Wednesday; The joining platform will be opened at 9.30 am Indian Time on all days.**

Date & day Day 1	HALL NO.	10.00 – 12.00 IST (UTC+5.30)	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	18.15 - 20.15 (India Time)
<b>DAY 1 01.12.2021 Wednesday</b>	Hall 1	<b>Hall 1: Inaugural Ceremony</b> To be presided over by Prof. Sadhan Kumar Ghosh, Chairman, IconSWM-CE.  Welcome address: C R C Mohanty, UNCRD Speech by Co-Chair, IconSWM-CE, Prof. M. Nelles, RU, Germany; Speech by Co-Chair, IconSWM-CE, Prof. P. Agamuthu, Sunway Univ., Malaysia; Dr. Kare H. Karstensen, SINTIF, Norway Speech by Guest of Honour, Dr. Speech By Prof. Chiranjib Bhattacharya, Pro-VC, Jadavpur University Inaugural Speech by Mr Rohit Kumar, Jt. Secretary to Govt of India, MG NREGA, Ministry Of Rural Dev., Govt of India. IconSWM-CE Awards: ➤ Life Time Achievement Awards ➤ Awards for Waste Co- processing ➤ Inaugural of Waste Management Project at Synod College, Shillong, Meghalaya ➤	<b>Keynote Session 1</b>	<b>Plenary session 1- Asia &amp; the Pacific</b>	<b>Plenary session 2- European &amp; East Europe</b>
	1		Chair: Agamuthu P, Malaysia Co-Chair: Arne M. Ragossnig, Austria  Dr. Kare H Karstensen, Norway <b>Ocean plastic turned into an opportunity                      in circular economy - OPTOCE</b>	Chair: Michael Nelles, Germany Co-Chair: C R C Mohanty, Japan  Sunil Herat: Australia <b>FP_4 : Circular Economy Approach to                      Manage E-waste in Asia Pacific Region</b>	Chair: Sadhan Kumar Ghosh, India Co-Chair: Francesco Di Maria, Italy  Michael Nelles, G. Morscheck, S. Narra, Germany <b>AB_249; Organic Waste and Residues In                      Germany – The Role in the Energy System,                      Bioeconomy and Climate Protection</b>
	2		Prof. Chiranjib Bhattacharya, Kolkata, India <b>Valorization for sustainable waste                      management</b>	Pawan Kumar Srikanth, C. Visvanathan, Thailand: AB_128 : 3R, Circular Economy, Resource Recovery & Efficiency; Secondary Raw Materials and Recycled Products	Francesco Di Maria, Italy <b>FP_161: Impact of waste incineration                      on the environment and on human                      health. A focus on the oxidative                      potential of particulate matter</b>
	3		Sadhan Kumar Ghosh, India <b>Initiatives &amp; Challenges in the                      countries in the Asia and the Pacific to                      achieve Resource Efficiency</b>	Zhe Liu, China <b>AB_245: Circular economic                      development in China and its                      connection with the world</b>	N.Buachidze, N.Dzebisashvili, G.Berechikidze, Georgia, <b>FP_13: Evaluation of the Results of                      Chemical and Microbiological Analysis of                      Soil and Water of Territory of Some Official                      and Illegal Landfills in Georgia</b>
	4		C R C Mohanty, UNCRD, Japan <b>Intergovernmental initiatives for the                      promotion of Circular Economy in                      Asia and the Pacific</b>	Rao Divi, Visag, India <b>Resource Recovery in                      Pharmaceutical business</b>	Maka Jishkariani, Georgia: <b>FP_120: Assessment of Global Warming                      Potential of Perspective HPPs in Georgia</b>
	5		Rene Van Berkel, UNIDO, Delhi <b>Topic (tbc)</b>	Bhagat Beerachee, Mauritius <b>Topic (tbc)</b>	Piotr Barczak, Belgium; <b>Circular Economy legislation in the EU</b>
	6		Dr. ISHIGAKI Tomonori, Japan <b>Topic (tbc)</b>	Nguyen Trung Thang, Vietnam <b>Sharing Economy Business models                      in waste management in Vietnam</b>	Liana Kartvelishvili, Lashari Kurdashvili, Georgia, <b>AB_256: Consideration climate change in                      the protection of the environment in                      Georgia</b>
					Maira Kussainova, Almaty, Kazakhstan <b>Agriculture and reduction of                      greenhouse gas emissions on the                      example of the Almaty region of                      Kazakhstan</b>

Day 1	Hall 2	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	18.15 - 20.15 (India Time)
			Special Session 1: Tunisia 1	Plenary Session 3- US, Latin America & African Countries
			Chair: Aida Ben Hassa, Tunisia Co-Chair: Kaouther ZAAFOURI, Tunisia	Chair: To be announced Co-Chair: To be announced
1			Gmar BENSIDHOM, Tunisia AB_230: Date palm waste as source of green biofuels and biochars	Gabriela Munoz-Melendez, Mexico AB_190: Status of the adoption and practice of Circular Economy in Mexico
2			Khouloud Haddad, Tunisia AB_231: Biochar from agro-food industrial waste: agro-environmental characterization and application	Ronald L. Mersky, USA AB_182: Addressing the Nuisance Aspects of Municipal Solid Waste Management
3			Marwa Ben Saad, Tunisia AB_232: Wastewater Treatment Using Ecofriendly Bio-Based Products for Sustainable Environment	Tapas K. Das, USA AB_166: Life Cycle Assessment as Applied to Water Reclamation and Reuse: Cradle-to-Cradle
4			Asma Ben Abdallah, A. B. H. Trabelsi, D. Mihoubi, Tunisia AB_233: Biomass pyrolysis process: The impact of technological developments and operating parameters on different output products —Review	Michael K. Koech, K. J. Munene, Kenya. AB_195: Agricultural and Agri-Industry Wastes and Vegetable Wastes Management in Nairobi, Kenya
5			Essia Smida, K. Zaafour, A. B. H. Trabelsi, Tunisia AB_234: Pre-treatment methods of lignocellulosic biomass for bioethanol 2G production	Adia Ben Hassa, Tunisia; AB_243: Energy and Material Recovery from Waste in Tunisia: Opportunities for the implementation of Circular Economy Concepts
6			Hassène Zemni, R. khiari, M. Lamine, S. Chenaoual, A. B. Salem, Tunisia. AB_235: Wine grape marc valorization: From waste to valuable polyphenols source	D.O. Olukanni, D.O. Iyiola, F.A. Adedgemi, E.O. Fagbenle, Nigeria; AB_201: Biogas Recovery from Anaerobic Digestion of Palm oil Processing Sludge in Nigeria
7			Aida Selmi, Ahmed Snoussi, Nabih Bouzouita, Tunisia AB_275: Development of a biodegradable Film from Tunisian Red alga <i>Gymnogongrus griffithsiae</i>	Elijah K. Biamah, Benjamin Kogo, Philip Langat, Nairobi, Kenya & Australia; AB_246: Rethinking Municipal Wastewater Treatment And Reuse: Alternative Sewage Management Options
8			Chagtm Raouia, Ben Hssan Travbelsi, et al, Tunisia AB_276: Development of a biodegradable Impact of Pretreatment method on Tannery fleshing waste pyrolysis	

	9			Maaoui Assia, Ben Hassen Trabelsi Aida, Chagmi Raouia, Tunisia <b>AB_277: Biochar produced from agroforestry wastes: a new paradigm for sustainable agriculture</b>	
				Mabrouka Ben HASSINE, Ben Hassen Trabelsi Aida, Amina Marbrouk EL Asmi, Tunisia; <b>AB_277: Waste management in Tunisia: a review for forthcoming plastics waste energetic fallouts and environmental solutions</b>	
	<b>Day 1</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>	<b>15.15 – 17.15 (India Time)</b>	<b>18.15 - 20.15 (India Time)</b>
	Hall 3			<b>Technical Session 1- WM Policy</b>	<b>Technical Session 2- Wastewater - 1</b>
				<b>Chair: Dr. Premakumara, Japan</b> <b>Co-Chair: Mr. Arisman, Indonesia</b>	<b>Chair: Gopinath Halder, Durgapur, Kolkata</b> <b>Co-Chair: Sanjib Moullick, Bhubaneswar, Odisha</b>
	1			Gendis Ayu Satiti Irawan, Arisman, M.N.R.Al Arif, O. Mareta, R. K. Jaya, Indonesia <b>AB_94: Factors Influencing Small Medium Enterprises (SMEs) to Adopt Sustainable Packaging: Case of Food &amp; Beverage Industry in West Java</b>	S. Kanmani, India <b>AB_208: Application of Advanced Oxidation Process in the treatment of Textile Wastewater</b>
	2			Liana Kartvelishvili, L. kurdashvili, Georgia <b>AB_141 : Environmental Protection and Ecotourism Management in Georgia</b>	Subhashish Dey, India <b>AB_10: Recycling of Mango leaves biosorbents for removal of iron and phosphorous from contaminated water</b>
	3			PN Ojha, P. Kaura , B N Mohapatra, India <b>FP_105 : C&amp;D waste management and Circularity - Policy framework and R&amp;D integration in India.</b>	Sreeparna Das, S. Pal, A. Mukherjee, S. Chakraborty, S. K. Mukhopadhyay, India <b>AB_11: Efficacy of operational units of Common Effluent Treatment Plant for amelioration and safe disposal of tannery wastewater at East Kolkata Wetlands</b>
	4			Oluwadare Joshua OYEBODE, Nigeria <b>AB_65 : integration of policies, sdgs and collaborative research for circular economy and resource efficiency in African continent</b>	Divakar Pamanji, P. S. Sagar, D Datta, India <b>AB_24: Optimization of Coagulation in the Removal of Phosphates by Using Response Surface Methodology (RSM)</b>
	5			Ms. Sayaka Ono, Thailand <b>AB_129: 3R, Circular Economy, Resource Recovery &amp; Efficiency, Plastic Waste, Analytical Framework, Japan</b>	P. Suvarnalatha Devi, M.R. Devi, M. N. Devamma, India <b>AB_42: Biodegradation of Azodye effluents by Microbial consortia and its reuse for sustainable development</b>

	6			Moumita Sarkar, S. Mitra, S. Mallick, Krishna. M. Agrawal, <b>India</b> <b>AB_51: Leveraging intellectual property rights to encourage sustainable waste management and circular economy practices</b>	Abhra Sarkar, <b>India</b> <b>AB_73: Ionic Liquids and Deep Eutectic Solvents in Waste Water Treatment &amp; Water Resources Circulation</b>
	7			Ashok G. Matani, <b>India</b> <b>AB_84: Managing green smart cities by optimizing plastics wastage as resource inventory in Indian construction industries</b>	Ranjana Das, C. Bhattacharjee, <b>India</b> <b>AB_75: Waste Water Treatment &amp; Water Resources Circulation</b>
	8			Liju Mathew, S. Manuja, V. Nandan, <b>India</b> <b>AB_108: Push and Pull along circular economy to reduce marine litter- A case study</b>	Sudhanya Karmakar, A. Bhowal, P. Das, <b>India</b> <b>AB_77: Process Intensification in Reduction of Hexavalent Chromium from Wastewater in Rotating Packed Bed</b>
	9			Alok Ranjan, S. Manuja, V. Nandan, <b>India</b> . <b>AB_109: Review of Uttar Pradesh State Solid Waste Management Policy</b>	Priyanka kale, J S Sudarsan, <b>India</b> <b>AB_116: Engineered Wetland Technique in tertiary treatment of waste-water in implementing circular economy to achieve sustainability</b>
	10			Deepalakkshmi B, Gowsalya K, Poornima J, M. Elumalai, <b>India</b> . <b>AB_142: Solid Waste Management (SWM) in India and their resolving Strategies</b>	Surya Mol , N V, Ushakumary E R, <b>India</b> <b>AB_155: Pesticide removal using biochar</b>
	<b>Day 1</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>	<b>15.15 – 17.15 (India Time)</b>	<b>18.15 - 20.15 (India Time)</b>
				<b>Technical Session 3 – Health Care Waste Management (HCWM)</b>	<b>Technical session – 4 SWM-I</b>
				<b>Chair: Dr. C L Venkata Rao, Vijayawada, India</b> <b>Co-Chair: To be announced</b>	<b>Chair: Prof. G. Morscheck, Rostock, Germany</b> <b>Co-Chair: Prof. Mervel El Hoz, Lebanon</b>
			1.	Goday Swapna, <b>India</b> : <b>AB_43: COVID-19: Bio-Medical Waste Management</b>	Bhawana Raj, U. K. Singh, <b>India</b> <b>AB_12: Current trends of Solid Waste Management in India: A Review</b>
			2.	Nitika Thakur, V Tyagi, <b>India</b> : <b>AB_48: Reframing policy and strategic Development goals for the post Covid 19 scenario</b>	Ruma Bhatt, S. Panda, <b>India</b> <b>AB_30: The impact of Socioeconomic and Land use factors on assessment of solid waste generation</b>
			3.	Rohit Das, S Banerjee, R Das, A K Rout, <b>India</b> : <b>AB_49: COVID-19 Waste Management</b>	Nilesh Agarchand Patil <b>India</b> : <b>AB_39: Sustainability Issues in PPP based Municipal Solid Waste Management Projects: Lessons from the Indian Experience</b>

			4.	Piku Sen, S Prabhat, A Debsarkar, S N Chakraborty, <b>India</b> : <b>AB_55: The Inherent Challenges of Treatment and Disposal of Biomedical Waste: Aftermath of COVID 19, an Indian Perspective</b>	Mr.Vignesh S, Sathyamangalam, Keerthana C, Soundarya P, <b>India</b> . <b>AB_209: Vegetable Waste Management In Greenhouses By Forecasting The Market Demand And Mapping The Production Capacity Of Greenhouses Using GIS</b>
			5.	Oluwadare Joshua OYEBODE, <b>Nigeria</b> : <b>AB_68: Medical Waste Management Practices In South Western Nigeria: Impacts, Challenges And Mitigation Strategies</b>	A. S. Y. P. Ranasingha, A. K. Karunaratna, Warshi. Dandeniya, M. S. Nijamudeen, <b>India</b> . <b>AB_212: Assessment of Agricultural Waste Compost for Quality Compliance</b>
			6.	Sukhvinder Kaur, <b>India</b> : <b>AB_160 : Strain On The Indian Biomedical Waste System: Time To Pay Attention</b>	Sapna Yadav, P Kumar, <b>India</b> : <b>AB_111: Impact of Stock Density of Earthworm (Eisenia fetida) and Neem (Azadirachta indica) leaves on Vermicomposting of Rice Straw</b>
			7.	ADHISREE SHARMA, <b>India</b> <b>AB_57: In Silico Analysis of the marine litter Three Whole Genome Sequences of Sars Cov 2 Available to the General Public</b>	Mini Mathew, G M Abraham, <b>India</b> : <b>AB_137: Utilization of Chicken Waste for Sludge Composting</b>
			8.	Touseef Ahamad, <b>India</b> <b>AB_124: Modelling and analysis of beach cleaning machine</b>	Ambrish Dwivedi, N Solanki , D Dohare, <b>India</b> : <b>AB_167: Biological Decomposition of Organic Material into Biologically Stable Compound by In-Vessel Composting: A Review.</b>
			9.		Chaitali Bose, Imana Pal <b>India</b> : <b>AB_70: Production of Bio-plastic from Food Wastage can be a Stepping Stone to Achieve Global Sustainable Development: A Review</b>
			10.		Nilofer Nisha S, Niyasdeen K, dhamidharan M, Amaran V., Kirubakaran V, <b>Tunisia</b> ; <b>AB_274: Auto Gasification of Jatropa Cuscas seed for the performance enhancement of Downdraft gasifier</b>



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## Day 2- 02.12.2021, Thursday

Day 2	Day 2	10.00 – 12.00 IST (UTC+5.30)	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	18.15 - 20.15 (India Time)
<b>Day 2</b> <b>02.12.2021</b> <b>Thursday</b>	<b>Hall 1</b>	<b>Special Session 2 – Waste Management in Bangladesh and India</b>	<b>Special Session – 3 Philippines</b>	<b>Special Session - 6: OPTOCE - Resource Recovery Options for Non-Recyclable Plastic Wastes (NRPW) in India to Prevent Marine Litter and Microplastics</b>	<b>Technical Session 10 - Energy recovery and Biomethenation</b>
		<i>Chair: To be announced Co-Chair: To be announced</i>	<i>Chair: To be announced Co-Chair: To be announced</i>	<i>Chair: Kare H Karstensen Co-Chair: To be announced</i>	<i>Chair: Dr. Amit Ganguly, Durgapur, India Co-Chair: Rahul Baidya, India</i>
	<b>1</b>	Md. Moshir Rahman and Tahmida Jakia, Dhaka, Bangladesh,; <b>AB_229: Environmental Friendly Fish Production and Wastewater Management in Urban and Peri-urban Areas of Bangladesh: Prospect and Challenges</b>	Arthur B. Estrella, Aries O. Ativo, Philippines; <b>AB_222: A review of climatic trends and slow onset events associated with climate change: impacts to agriculture In the BICOL Region, Philippines</b>	Counsellor, Royal Norwegian Embassy, New Delhi; Opening remarks - Importance of preventing Marine Litter and Programmes funded by the Norwegian Government	P. Satpathy a*, K. Wunder a, M. Vaske b, S. Steinigeweg, <b>Emden, Germany</b> ; <b>AB_250: Enhanced biogas production due to synergistic effects of brown sea weed from the North Sea coast</b>
	<b>2</b>	Nur-E-Jannat Pollen *1, S. M. Moniruzzaman, Khulna, Bangladesh, <b>AB_262: Comparative Assessment of Faecal Sludge Treatment Plants in Bangladesh Using SWOT Analysis</b>	Aileen Mae B. Bufete, Jennifer M. Eboña, Philippines; <b>AB_223: Utilization of Single-use Plastic Wastes in the Fabrication of Concrete Hollow Blocks</b>	Mr. Karan Mangotra, Programme Coordinator, UNEP; Status update on India- Norway Marine Pollution Initiative	Aditya, R S Jarial, K. Jarial, <b>India</b> <b>FP_09: Performance of blue oyster mushroom [Hypsizygus ulmarius (Bull.: Fr.) Redhead] on different growing substrates under sub-tropical zone of Himachal Pradesh</b>
	<b>3</b>	Md. Niamul Bari, Md. Shafiu Islam, Sharmin Sultana, A N Bushra, <b>Rajshahi, Bangladesh</b> <b>AB_269: Rural Solid Wastes Management Practice and Its Governance in Bangladesh</b>	Arlen A. Ancheta, M N Garcia, M R Virginia C. Garcia, R Castillo, Philippines; <b>AB_220: Plastic Flow Along Manila Bay: Case Study of Barangay BASECO</b>	Dr. Kåre Helge Karstensen, Chief Scientist- SINTEF and Programme Manager, OPTOCE; Ocean Plastic Turned into an Opportunity in Circular Economy (OPTOCE) Project	Indraneel Sengupta, P. K. Dhal, India. <b>AB_25: Effect of Phosphogypsum on soil fertility and its aerobic biotransformation through indigenous microorganisms-based technology</b>
	<b>4</b>	<b>To be added soon</b>	Maria V G. Aguilar, E C. Cabrera, E F. Lineses, J L. Morta, J A R. Rocina, Philippines; <b>AB_193: Social Implications of Plastic Pollution Mitigation Initiatives along Imus River</b>	Current status on PW generation and management; targets, plans and programmes to prevent Marine Litter (tbc)	D.P.Weerasooriya, P.G.Rathnasiri ,Renaud Escudie, Michel Torrijos, <b>Sri Lanka &amp; France</b> ; <b>AB_236: Investigation of effect of mixing and inhibition towards stability of semi batch dry anaerobic reactor treating manure with straw</b>
	<b>5</b>		Racquel C. Layco*, M R Virginia Cobar-Garcia, M N Z. Garcia, Philippines; <b>AB_221: A Study on the Factors Influencing Disaster Resiliency: Barangay San Vicente, Laur, Nueva Ecija in Context,</b>	Zigma, Status of Zigma's landfill mining projects in India and future plans	Indraneel Sengupta, P. K. Dhal, <b>India</b> . <b>AB_97: Impact of elevated Phosphogypsum on soil fertility and its aerobic biotransformation through indigenous microorganisms (IMO's) based technology</b>
	<b>6</b>		Catherine DR. Pueyo, Philippines;	Mr. Gautam Mehra/ Dr. Rachna Arora/ Ashish Chaturvedi, GIZ India- TBD;	D.N.K. Vo, P.Q.A. Nguyen, <b>Vietnam</b> ;

			<b>AB_227: Biochar from corn waste as a biofilter in a recirculating aquaculture systems (RAS)</b>	<b>GIZ India's projects on Plastic waste management and preventing Marine Litter</b>	<b>AB_96: The composition and potential of converting household waste into biogas: A case study in Danang City, Vietnam</b>
7.			Celerino B. Llesol, Jr., Aries O. Ativo, V. Foronda, <b>Philippines</b> ; <b>AB_252: The Effectiveness of Kawayang Tinik (Bambusa blumeana) for Climate Change Mitigation, Carbon Sequestration and Livelihood Potential in Ocampo, Camarines Sur</b>	Ms Mounita Chakraborty, Head-Geocycle Asia, Holcim; <b>Holcim India's status on co-processing on NRPW and future plans/ projects to address Marine litter</b>	Ashok G. Matani <b>India</b> <b>AB_83: Recent developments of drone's applications in renewable energy systems infrastructure optimization towards enhanced energy efficiency</b>
8.			Lynlei L. Pintor, Arturo Mariano I. Figueroa, <b>Laguna, Philippines</b> ; <b>AB_273: Current Status of E-Waste in the Philippines</b>	Mr. K V Reddy, VP, & Corporate Head Env., Ultratech Cement; <b>Ultratech's status on co-processing on NRPW and future plans/ projects to address Marine litter</b>	Manali Singh, S. Goswami, <b>India</b> . <b>AB_61: Recent advances improvised techniques of lignin biorefinery, and versatile applications of lignin</b>
				Mr. Ashwani Pahuja, Head- SD & ED, Dalmia (Bharat) Cement Ltd.; <b>Dalmia Cement's status on Co-processing Nonrecyclable Plastic Waste (NRPW) &amp; future plans to achieve 100% fossil fuels substitution by 2035</b>	Anjali T, Anand M., <b>AB_279: Physico-Chemical Characterization and toxicity study of poultry litter biochar,</b>
				Discussion –Coordinated by Ms Anneli Alatalo Paulsen, Research Manager- SINTEF; <b>Major sources of NRPW &amp; hotspots in India? Potential of utilising NRPW through various resource recovery options? Regulatory challenges? Way forward to improve NRPW management in India?</b>	
				Dr. Kåre Helge Karstensen, Chief Scientist- SINTEF and Programme Manager OPTOCE: <b>Way forward and close</b>	



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02.12.2021 Hall 2	Technical Session 5- SWM -2	Special Session- 4: Vietnam's Waste Management Towards a more Resource Efficiency & Circular Economy	Special Session- 6 IPLA	Technical Session 11 - Circular Economy & Waste Circulation
	<i>Chair: Ms Vaishali Nandan, project head, GIZ, India Co-Chair:</i>	<i>Chair: Asso. Prof. Nguyen Dinh Tho Co-Chair: Prof Sadhan Kumar Ghosh Facilitator: Dr. Nguyen Trung Thang</i>	<i>Chair: C R C Mohanty, Japan Co-Chairs: V. Maryev, Russia &amp; S Herat, Australia Coordinator: Anupam Khajuria, Japan</i>	<i>Chair: Mr. Ulhas V Parlikar Co-Chair: Mr. Palash Saha, Norway</i>
1	Nitale M'Balikine Krou, G Baba, <b>Togo</b> : AB_115: Design of a mathematical tool for estimating the quantities of urban solid waste: case of Sokodé City (Togo)	Opening speech by ISPONRE Director Ass Prof Nguyen Dinh Tho- 5 minutes	<b>To be announced soon</b>	Anindita Roy Saha, G Gupta, <b>India</b> : AB_34: Cities as emerging centers in a circular economy
2	Olubunmi A. Mokuolu, Odunaiké A. Kehinde, A S. Aremu, <b>Nigeria</b> : AB_140: The effects of solid wastes on urban flooding: Isale Koko as a case study	Speech by ISWMAW Prof Sadhan Kumar Ghosh- 5 minutes		P N Begum, P. B Rao, V. K Naik, <b>India</b> : AB_69: The Role of Small Scale Industries in Solid Waste Management in INDIA – An Approach towards Circular Economy
3	Alex Calma Laguisma Advtech, <b>Philippines</b> AB_8: TINDERMACH™ Solid and Hazardous Waste Pyrolytic Gasification Technology	Mai The Toan, L. V. Manh, <b>Vietnam</b> AB_146: Circular Economy policies and legislation Framework in Viet Nam		Anindita Roy Saha ,G Gupta, <b>India</b> : AB_214: Cities as Emerging Centers in a Circular Economy: An Assessment of Indian Cities
4	Hiba Basheer, Adithya K. R, <b>India</b> . AB_29: Strategies and Effectiveness of Municipal Solid Waste Management in Kannur Corporation, an Analysis	Dinh Quang Hung, Huynh Trung Hai, Nguyen Duc Quang, <b>Vietnam</b> AB_147: Assessment of Impacts from Extended Producer Responsibility system to the Recyclable Waste Flow: case of plastic packaging in Vietnam		Rupashree Mohanty, R K Panigrahi, S Patnaik, <b>India</b> : AB_6: Sprucing up of metallic wastes from industries an amplitude of circular economy
5	Thenepalli Thriveni, <b>India</b> AB_50: Preliminary Investigation On Carbon Dioxide Sequestration of Municipal Solid Waste Incineration Ash Samples	Van Dinh Son Tho, <b>Vietnam</b> ; Converting municipal solid waste into solid fuel by hydrothermal process-10 mins		Rasmi Patnaik, <b>India</b> AB_35: Sustainable Waste Management and Circular
6	Sinchana N L, Apoorva K S, Mutturaj, P. T. Niranjan, <b>India</b> . FP_79: Municipal Solid Waste Collection System by Route Optimization in Mysuru City	Break- 10 minutes		Imana Pal, C. Bose, <b>India</b> AB_47: Combating Food Waste for Sustainable Development: from Environmental Burden to Value-added Products
7	Ashish Sharma, R Mallic, K. Dwivedi, <b>India</b> AB_144: Physical Accessibility Audit of Public Buildings & Spaces: Assessment of Smart City Gwalior in Madhya Pradesh	Tran Hoai Le, <b>Vietnam</b> ; Hazardous Waste Management in Vietnam: Current Situation and Orientation in the Future- 10 minutes		Sumanta Bhattacharya, <b>India</b> AB_181: An analysis on agricultural waste and in what manner it can be used in different sectors to move towards sustainable development

	8	Sutripta Sarkar <sup>1</sup> , S. K Ghosh, <b>India</b> AB_159: Food waste, Food Security and Sustainability: A Global and Indian Perspective	Tran Dinh Trinh, <b>Vietnam</b> ; Study on characteristics of plastic wastes and microplastics at dumpsites/landfills in the North of Vietnam- 10 minutes		T. Sumabalaa, N. Munilakshmb, <b>India</b> . AB_202: Performance Evaluation of Tirupati Municipal Sewage Treatment Plant at Tukivakam Village
	9	Oluwadare Joshua OYEBODE, <b>Nigeria</b> : AB_66: assessment of current status of waste management in nigeria: best practices and implementation strategies	Tran Van Son, <b>Vietnam</b> ; Removal of db71 dye from aqueous solution by chitosan adsorbent obtained from shrimp shell- 10 minutes		Kunwar Pala, U Dwivedia, P R Jadhwa, K. K. Panta, <b>India</b> : AB_38: Investigation of concentration and temperature effect on co-pyrolysis of low-density plastic waste and biomass: an experimental study using fixed bed reactor system
	10.	Shetty Sai Dinesh, <b>India</b> : AB_106: MSW, E-Waste, HAZW, Bio-Medical Waste, CDW, Bio-Mass & Agri Waste, ELV	Dinh Quang Hung, Huynh Trung Hai, Nguyen Duc Quang, <b>Vietnam</b> ; Assessment of Impact from Non-tariff measures on Recyclable Waste to Vietnam-10 minutes		Gianlauro Casoli, <b>Italy</b> The Reliability and Efficacy of Research and Innovation in Plastic Materials: A Complex Systemic Critique in a logic of Circular Economy
			Nguyen Trung Thang, D T P Anh, N T N Anh, <b>Vietnam</b> , Policy and Legislations on Microplastics Pollution in Vietnam		
			QA & Discussion- 15 min		
			Closure of sessions -Ass Prof Nguyen Dinh Tho- 5 mins		
	<b>Day 2</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>	<b>15.15 – 17.15 (India Time)</b>	<b>18.15 - 20.15 (India Time)</b>
	<b>Hall 3</b>	<b>Technical Session 6 - Plastics Waste Management</b>	<b>Technical Session 7- Energy - 1</b>	<b>Technical Session 8 - Waste Utilization &amp; Valorisation - 1</b>	<b>Tech. Session 12 - Climate Change Community Commitment</b>
		<i>Chair:</i> Kaniska Sarkar, Kolkata, India <i>Co-Chair:</i> Rahul Baidya, Kolkata, India	<i>Chair:</i> : Dr. Swapan Dutta, Kolkata <i>Co-Chair:</i>	<i>Chair:</i> Dhanada Mishra, Hong Kong <i>Co-Chair:</i>	<i>Chair:</i> P. Agamuthu, Malaysia <i>Co-Chair:</i> Sutripta Sarkar, India
	1.	Atharv Kapoor, C Varshney, <b>India</b> : AB_134: Microbial Degradation of PET Plastic Sustainably Yielding Commercially Viable Products	Thomas Schliermann, A Herrmann, I Hartmann, W Wiest, J Ho, F Köster, G Zimmermann, <b>Germany</b> : AB_175: Thermo-chemical conversion of ash-rich agricultural residues in a gasifier CHP	Anjali T.B, A K.B, M P.K A M <b>India</b> : AB_33: Effect of Sawdust Biochar Supplement on Seed Germination and Growth Parameters of Uma Rice Variety	Evelyn B. Cajucom, A D. Villavicencio, N B. Supan, <b>Philippines</b> : AB_46: CLIMATE ACTION OF PAMPANGA STATE AGRICULTURAL UNIVERSITY
	2.	S. Menaka Devi, <b>India</b> : AB_162: Polyethylene terephthalate degrading bacteria: Novel approach towards sustainable plastic waste management	Jayalekshmi S J, J E Philip, P Venugopal, A P Tom, <b>India</b> : AB_52: Wastewater for renewable energy production-prospective of biohydrogen production: a review	Sruthi Lingampalli, D K Behara <b>India</b> : AB_37: Corrosion inhibition studies of low carbon steel using some selected plants in acidic and neutral mediums	Kudirat O. Adeyemi, F B. Sigalo, H O. Boyo <b>Nigeria</b> : AB_102: Fast Fourier Transform Spectral Technique for Short Period Climatic Temperatures Time Series Decomposition in Port Harcourt City, Nigeria

	3.	Himanshu Kumar, A Yadav, V Tiwari, <b>India:</b> AB_196: Technologies for chemical recycling of household Plastic	E. Parameswari, K. Blessy monica, V. Davamani, S.Paul Sebastian, P.Kalaiselvi, M.Maheswari, <b>India:</b> AB_78: HYDRO THERMAL CARBONIZATION (HTC) OF SEWAGE SLUDGE AND ITS ENERGY POTENTIAL	Nidhi Shukla <b>India:</b> AB_40: Sustainable development of green composites: An overview	Linee Goswami, S. S. Bhattacharya, <b>Tezpur, India</b> AB_248: Role of earthworm gut microbiota as potential biofertiliser during vermi-conversion of wastes
	4.	Mohd. Amir, N Bano, M R Zaheer Roohi, <b>India:</b> AB_3: Statistical optimization & partial purification of extracellular PHB depolymerase from a novel bacterial strain <i>Enterobacter cloacae</i> MN080434 for the degradation of PHB based biodegradable plastics	VALMIKI RANGACHAR SREENIVASA, <b>India:</b> AB_80: WASTE TO WEALTH	K. Görsch, K. Naumann <b>Germany :</b> AB_54: Advanced methane from biogenic wastes and residues as well as green hydrogen – Pilot-SBG	Suman Mondal, S Roy, N Modak, <b>India:</b> AB_36: Attitude and Waste Prevention Behaviour: The Mediating Role of Recycling Behaviour
	5.	Thi-Kim Chi Do,, S Herat, L S Hardman, P Kaparaju, <b>Australia:</b> AB_15: Impact Of Banning And Standardising Of Single-Use Plastics In The Fast-Food Industry	Maya Pitskhelauri, Maka Jishkariani, Tbilisi, Georgia; FP_244: Preconditions for Implementing Energy Management Systems in Georgia	Vicky Shettigondahalli Ekanthalu, M. M. Narra, S. Narra, E. Antwi, M. Nelles, <b>Germany.</b> AB_53: A review on organic waste management strategy in Kerala	Phongjei Longao Konyak, V. Iralu, T. Moaienla A, <b>India</b> AB_174: Review on Assessment Tools of Ambient Air Quality Monitoring in Nagaland, North-East India
	6.	Pradeep Kumar Khandelwal, A Jain, <b>India:</b> AB_89: A New Paradigm to Sustainable Plastic Waste Management in a City	Khalilur Rahaman Dewan, S S Boxi, <b>India:</b> AB_114: Production of Biodiesel from Sewage Sludge using Heterogeneous Nano-catalyst	Subir Ray, Amit Mazumder <b>India:</b> AB_92: Recycling used tea leaves	Deepika Purohit, <b>India:</b> AB_119: A Study on Practices and Knowledge Among Women for Menstrual Waste
	7.	Astryd Viandila Dahlan, Arisman, <b>Indonesia:</b> AB_93: Plastic Waste Generation from Household Waste in Upstream and Downstream of Citarum River	N. Munilakshmi, <b>India:</b> AB_117: Physical, Chemical characteristics of Residential solid waste and Energy Recovery from combustible solid waste – a case study	Simimol Ansera, A Sudhakaran, A Ravindranath <b>India:</b> AB_103 : Processing of natural lignocellulosic coir fibers for enhancing fire retardancy using Banana Pseudostem Sap	G. Siva Praveena, I. Chaitanya, P.V.V. P Rao, <b>India:</b> AB_199: A Survey On Commitment Of Municipal Sanitation Staff To Duties During Covid- 19 Pandemic – A Case Of Visakhapatnam, India
	8.	Miho Hayashi, <b>Japan:</b> AB_169: Interpretation of plastic recycling rates and milestone setting in Japan	M. Shiva, <b>India</b> AB_189: Optimization and Techno-Economic Analysis of Standalone Hybrid Systems	Sadhan Kumar Ghosh, Abhishek Kumar, <b>Kolkata, India;</b> AB_255: Natural Fiber reinforced composite using woven fiber materials – A potential business model	Amrit Poudel, A. Ghimire, B. Adhikari, <b>Nepal.</b> AB_156: Environmental Implications of Green Technologies Implementation in the Hotels: a case of Touristic city Pokhara, Nepal
	9.	Anjana, S Goswami, <b>India:</b> AB_56: Effective management of: A positive approach towards natural environment	Sharang Dev Sharma, A. K. Sharma, V. K. Vijay, P. Kaushal, N. Bhojak. <b>India</b> FP_204: Use of Geospatial Sciences & Multi-Criteria Analysis Methods in Site Selection of Solar PV Stations and Application of Solar Energy in Solid Waste Management - A Review	Juri Chetiaa, Nirmali Gogoia, Debendra Chandra Baruah, <b>Assam, India</b> AB_247: An approach to assess the physicochemical properties of biochars produced conventionally from tea pruning litters and mixed wood chips	Agamuthu Pariatamby, P. S. M. Devadoss, <b>Malaysia.</b> AB_183: Waste Management and Greenhouse Gases
	10.	Dinh-Trinh Tran, Q Le, M Nguyen, T Nguyen, <b>Vietnam :</b>		Ajith Sudhakaran, R. Rajan, A. Ravindranath, <b>India.</b>	Mohamad Hidayat Ullah, Mohini Jadon, <b>Indore, India</b>

		AB_150: Plastics Study on characteristics of plastic wastes and microplastics at dumpsites/landfills in the North of Vietnam		AB_32: Coir waste as a source of energy: Utilization through pyrolysis and its characterization	FP_271:Comparing Work Participation Rate Among Slum Dwellers and Non-Slum Dwellers of India
	11.	Madhushani M. M. K., Ranasinghe A. S. Y. P., Karunarathna A. K. Sri Lanka, AB_216 : Quantitative Assessment of Microplastics in Municipal and Agricultural Waste Compost		K. Blessy Monica, E. Parameswari, <b>India</b> AB_138: Hydrothermal Carbonization of Paper Mill ETP Sludge and Its Potential Applications	
	<b>Day 2</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>	<b>15.15 – 17.15 (India Time)</b>	<b>18.15 - 20.15 (India Time)</b>
	<b>Hall 4</b>	<b>Special session 5 – Waste Management in Small Island country</b>		<b>Technical session – 9 Biomethanation</b>	
		<i>Chair: Prof. Sunil Herat, Australia</i> <i>Co-Chair: Prof. Sadhan K Ghosh, India</i>		<i>Chair: Dr. H. N. Chanakya, B'lore, India</i> <i>Co-Chair: To be announced</i>	
	1.	Speakers from Solomon Islands		Amit Kumar Sharma, S D Sharma, V K Vijay, P Kaushal, R K Dwivedi, B Modhera, <b>India :</b> AB_157: A Review of Significant Progress in Solar-Assisted Anaerobic Digesters for Improved Biogas Production	
	2.	Speakers from Federation State of Micronesia.		Jyothilakshmi R, S Patil, H Kumar K, SJayakumar, S K Ghosh, <b>India</b> F_158: Design, Development and Experimentation of a solar heated biogas plant with increased gas yield and rate of biogas production	
	3.	Speakers from Maldives		D.O. Olukanni, B.O. Iyengunmwena, R.O. Amoo, E.O. Fagbenle, <b>Nigeria</b> AB_200: Recovery of Biogas from Food Waste: A Case study of a University cafeteria	
	4.	Speakers from JICA, Samoa Japanese-funded projects in PICs.		Bidisha Maitra Sen, <b>India:</b> AB_18: Fish waste management strategies: Bioremediation and Biconversion alternatives	
	5.	Speakers from other Island Countries will join		Nitin Maharjan, SI Bista, A Ghimire, <b>Nepal</b> AB_127: Modeling of Mesophilic Anaerobic Digestion of Food Waste using Anaerobic Digestion Model no. 1 in AQUASIM	
	6.	To be announced soon		Indraneel Sengupta, P. K. Dhal, <b>India</b>	

				AB_125: Effect of Phosphogypsum on soil fertility and its aerobic biotransformation through indigenous microorganisms-based technology	
	7.			Aakash Khadka, A Parajuli, B Thapa, S Dangol, L Sapkota, A Ghimire, <b>Nepal</b> . AB_136: Performance of Two-Stage Semi-Continuous Mesophilic Anaerobic Digestion of Food Waste	
	8.			Kiran Khandare, S. Goswami, <b>India</b> AB_59: Supercritical carbon dioxide extraction of bioactive compounds from <i>Spirulina platensis</i> : A 3R study	
	9.			Amit Kumar Sharma, S D Sharma, V K Vijay, P Kaushal, R K Dwivedi, B Modhera, <b>India</b> : AB_192: A Review of Significant Progress in Solar-Assisted AD for Improved Biogas Production	
	10.			P. Kalaiselvi, K. Kabilan, D. Kasthuri, S. Paul Sebastian and E. Parameswari, <b>India</b> AB_5: Comparative study on different combinations of complex organic wastes to increase their biomethanation potential to yield maximum biogas	



**11<sup>th</sup> IconSWM-CE & IPLA Global Forum 2021; Program Schedule (Draft\_16.11.2021\_R<sub>0</sub>); Time: IST (UTC+5.30) [+5.30 GMT]**  
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## Day 3; 03.12.2021, Friday

Day 3	Day 3	10.00 – 12.00 IST (UTC+5.30)	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	18.15 - 20.15 (India Time)
<b>Day 3 03.12.2021 Friday</b>	<b>Hall 1</b>	<b>Special Session 7: Plastic Litter in Sri Lankan Water Environment: A Source of Marine litter-CCET-IGES</b>	<b>Plenary session 4 – Asia &amp; the Pacific</b>	<b>Special Session-9 Coprocessing in Cement Industries</b>	<b>Technical Session 16- Energy - 2</b>
		<i>Chair: Dr. Md. Masumur Rahman, Director General, SACEP Co Chair &amp; Moderator : Dr. Premakumara Jagath Dickella Gamaralalage, Director, IGES/CCET</i>	<b>Chair: Debendra Chandra Baruah, Tezpur, India Co-Chair: Prof. Anirudhha Mukhopadhyay, Kolkata</b>	<b>Chair: Mr. Ulhas V Parlikar Co-Chair: Dr. Kare H Karstensen</b>	<b>Chair: To be announced Co-Chair: To be announced</b>
	<b>1.</b>	Dr. Md. Masumur Rahman, Director General, SACEP – <b>Welcoming remarks : 5 mins</b>	<b>Harish Hirani, Durgapur, India Decentralized and Integrated Municipal Waste Management'.</b>	<b>To be announced soon</b>	Sadhan Kumar Ghosh, Dineshkumar M, India. <b>AB_253: Comparative Study of Methane Gas Potential In Anaerobic Digester Using Microalgae As Feed – Low-Cost Energy Recovery Approach From ETP</b>
	<b>2.</b>	Prof. Prof. Sadhan Kumar Ghosh, ISWMAW – <b>Introduction – Marine (macro and micro) Plastic Litter in South Asia : 5 mins</b>	<b>Agamuthu P Jayanthi, Malaysia AB_191 : Challenges of Waste Management and Recycling in Asia: The Way Forward</b>		Nitin Kumara, D D. Gahlota, R Kumarb, R Karmakarc <b>India: AB_135: Compatibility and feasibility of ethanol-gasoline fuel blends in Engine</b>
	<b>3.</b>	Amila Abeynayaka, CCET-IGES, Japan – <b>National Action Plan on Plastic Waste Management and Marine Litter in Sri Lanka: 15 mins</b>	<b>Chika Aoki- Suzuki, T. Nishiyama, M. Kato, V. Lavtizar, Japan AB_254: Policies and Practices of sound materials cycle society in Japan- Transition towards circular economy.</b>		Jitendra singh pal, C.S. Choudhari, S.N. Sapali, T.R. Anil <b>India: AB_143 Exergy Analysis of Waste Incineration Plant Used in Marine Vessels</b>
	<b>4.</b>	Dr. Ananda Mallawatantri, IUCN, Sri Lanka (TBC) – <b>Marine Litter Countermeasure works in Sri Lanka (including surakimu Ganga, etc.):15 mins</b>	<b>A Aich1, Ghosh S K F_225: Hydrogen Bio-mass a Good Source of Hydrogen – Present scenario and future prospects</b>		Steffi Formann, T Schliermann, I Hartmann, A Fellner, P Schneider, <b>Germany:</b> <b>AB_168: Combustion of regionally available agricultural residues for energetic use of biomass and coupled production of biogenic silica for particulate matter precipitation processes</b>
	<b>5</b>	Dr. Kavinda Gunasekara, Geo Informatics Center, Asian Institute of Technology (TBC) – <b>Plastic litter monitoring Technology, Lessons learned from ASEAN region and application in Sri Lanka :15 mins</b>	<b>Maria Liubarskaia, D. Ipatova, Russia; AB_251:The Role of Informational and Professional Support in the Sustainable Development of Waste Management System in Russia</b>		Jitendra singh pal, C.S. Choudhari, S.N. Sapali, T.R. Anil, <b>India: AB_143: Exergy Analysis of Waste Incineration Plant Used in Marine Vessels</b>
	<b>6</b>	Dr. Avanthi Igalavithana, University of Peradeniya, (in collaboration with) Open	<b>Suneel Pandey, Delhi, India</b>		Sampad Kumar Das, Sadhan Kumar Ghosh, <b>Kolkata, India;</b>

	University of Sri Lanka; University of Sri Jeyewardanapura, Pirika Association, Japan CCET-IGES <b>Microplastic pollution in riverine and coastal water environments of Sri Lanka:</b>	<b>Topic (tbc)</b>		<b>AB_224: Environmental Impact Analysis of Power Production Using Biomass Pyrolysis And Optimized Non Renewable Resource Depletion Based On Life Cycle Assessment</b>
	X-press pearl Shipwreck and Kelani River Case study - 15 mins	<b>Prof (Ms.) Dezhen Chen, Sanghai, China</b> <b>Topic (tbc)</b>		Nidhi Chhabra, S verma, <b>India:</b> <b>AB_211: Comprehensive analysis of Mechanical Biological Treatment rejected fraction as a source of RDF</b>
7	<b>Q&amp;A and discussions: 20 minutes</b>	<b>C. L. Venkata Rao, Vijayawada, India</b> <b>Topic (tbc)</b>		D.BABU RAJENDRA PRASAD, <b>India:</b> <b>AB_121: Control of Agricultural biofuel fed power generation to enhance continuous supply to greenhouse</b>
8				Gayatri Sabat, N Gouda, A K Panda, <b>India:</b> <b>AB_31: Co-pyrolysis of low grade coal with waste plastics: Analysis of oil</b>
<b>Day 3</b> <b>3.12.2021</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>	<b>15.15 – 17.15 (India Time)</b>	<b>18.15 - 20.15 (India Time)</b>
<b>Hall 2</b>	<b>Special Session 8- Asia &amp; the Pacific</b>	<b>Plenary Session 5- EU and the UK</b>	<b>Special session-10 ASEAN - Sustainable Waste Management and Circular Economy in ASEAN</b>	<b>Special session 11- WM &amp; CE in African Countries</b>
	<b>Chair: Prof. Pradip Sikdar, Kolkata</b> <b>Co-Chair:</b>	<b>Chair:</b> <b>Co-Chair:</b>	<b>Chair : Asst. Prof. Arisman, Universitas Islam Negeri (UIN), Jakarta</b>	<b>Chair: Prof. Michael K. Koech, Kenya</b> <b>Co-Chair: Prof. David O Olukanni, Nigeria</b>
1.	Bini.Samal, <b>India.</b> <b>FP_71: A lurking danger in solid waste management: domestic / household hazardous waste</b>	Nicolas Humez, <b>France;</b> <b>AB_163: Waste and Chemicals in Circular Economy, The Harsh Trade-offs</b>	<b>Keynote Speaker: Sadhan Kumar Ghosh</b> <b>Triangular Cooperation in advancing Circular Economy</b>	Bupe G Mwanza, K. W Banda, <b>Zambia.</b> <b>AB_206: Sustainable Development Goals: An Approach to Municipal Solid Waste Management</b>
2.	Abhishek Kumar Awasthi, <b>Nanjing , China</b> <b>AB_228:Solving the E-waste Issue in Asia region: Challenges and Prospects</b>	Prasanta Kumar Dey, <b>UK;</b> <b>AB_270: Addressing climate change issues. Through adopting circular economy, in small and medium sized enterprises</b>	Astryd Viandila Dahlan , <b>Indonesia;</b> <b>AB_264: Plastic Waste Generation from Household Waste in Upstream and Downstream of Citarum River</b>	Kaouther ZAAFOURI, <b>Tunisia</b> <b>AB_242: Waste Management in Tunisia: state of the art and recommendations</b>
3	Sadhan Kumar Ghosh, Haribashai Swer, Asorphi J. langrai, Wancydora Kharmawphlang, F.B. Chyne, Andrew Umdor, <b>Shillong &amp; Kolkata, India;</b> <b>AB_237: Waste Management in the City in NE hills, Shillong - a case study</b>	Arne M. Ragossnig, <b>Austria,</b> <b>AB_197:C&amp;D Waste - Policy instruments and implementation strategies for Resource Efficiency in Austria</b>	Kanin Laopirun , <b>Thailand;</b> <b>AB_265: Circular Economy and Plastic Waste Management Experiences in Thailand</b>	Kachikoti W Banda, B. G Mwanza, E. M Mwananumo, I. N. Banda, <b>Zambia,</b> <b>AB_207: Models Applied In Municipal Solid Waste Management</b>
4	P. Kowlessar, M.A.Z. Bundhoo, <b>Phoenix, Mauritius;</b>	Hosam E.A.F. Bayoumi Hamuda, <b>Hungary,</b>	Gendis Satiti Irawan , <b>Indonesia;</b> <b>AB_266: Factors Influencing Small Medium Enterprises (SMEs) to Adopt Sustainable Packaging: Case</b>	Oluwadare Joshua OYEBODE, <b>Nigeria ;</b> <b>AB_67: solid waste management for resource efficiency, energy generation</b>

		AB_261: E-Waste Management in Mauritius: Current Status and Potential for a Circular Economy Approach		of Food & Beverage Industry in West Java	and pollution reduction in a typical Nigerian city
5		Debendra C Baruah, P. Dasb, R. Hussainc, India AB_194: An IT integrated plan for management of municipal solid waste and investigation of its prospect in Tezpur municipality, Sonitpur, Assam	Jane Vahk, Brussels Region, Belgium <i>Rethinking the EU landfill target.</i>	Edwin F. Lineses, Philippines, AB_267: Social Implications of Plastic Pollution Mitigation Initiatives along Imus River: <i>Basis for Policy Framework</i>	Aida Ben Hassen Trabelsi, Kaouther Zaafouri, Tunisia Energy and Material Recovery from Waste: opportunities for the implementation of Circular Economy Concepts in Tunisia
6		Khalil Mubarak Al Shekaili, M. A. Syed, Oman. AB_187: Study on Resource Circulation from Fish oil extracting industry		Hoang Hai, Vietnam; AB_268: Household Consumption, Use and Waste Disposal of Plastics: Da Nang City (Vietnam) case study	
7		Chandrasena W.J. P., T. N. Rajapaksha, Karunaratna A. K. Sri Lanka, AB_215 : Assessment of Food Waste Generation and Management: A case study Kandy		Arisman, Indonesia; AB_90: Household Willingness to Pay for Improved Waste Management in Malang Regency, Indonesia	
Day 3		10.00 – 12.00 IST (UTC+5.30)	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	18.15 - 20.15 (India Time)
Hall 3		Technical Session 13- Waste Valorization & Utilization – 2	Technical Session 14- Wastewater - 2	Technical Session 15- E-waste and ELV	Technical Session 17- Construction & Demolition Waste Management (CDWM)
		<i>Chair: To be announced</i> <i>Co-Chair: To be announced</i>	<i>Chair:</i> <i>Co-Chair: Dr. Bidisha Sen, Kolkata, India</i>	<i>Chair: Prof. Milan Pavlovich, Serbia</i> <i>Co-Chair: Dr. Anupam Khajuria, Japan</i>	<i>Chair: Prof. Ronald Mersky, USA</i> <i>Co-Chair: Sannidhya Kumar Ghosh, USA</i>
1.		Nidhi Chhabra, S. Verma, India, AB_210: Comprehensive analysis of Mechanical Biological Treatment rejected fraction	Rwiddhi Sarkhel, A. Chatterjee, T. Mandala, India. AB_133: Rice hush ash-derived magnetic particles for wastewater treatment	Balaji R, Prabhakaran D, Thirumarimurugan M, India. FP_45: Review on practical implications involved in handling e-waste in India	Sudheer Ponnada, V. Jallu, M. R. Ponnada, India. FP_205: Mechanical performance of silicomanganese slag as coarse aggregate into conventional concrete as partial and full replacement
2.		L. P. S. K. Fernando, A. M. Y. W. Alahakoon, A. K. Karunaratna, Sri Lanka, AB_218 : Hydrothermal Co-pyrolysis of Food and Fish Waste for Nutrient Recovery	Sucharita Bhattacharyya, India. AB_139: Smart Natural Technology & Maintenance of Sustainable Aquatic Environment: A Lockdown Study	Ankan Mondal, S. S. Boxi, India. AB_107: Recovery of Valuable Materials from Electronic Waste (E-waste)	Anurag, R. Kumar, India. FP_02: Optimization of clinker factor for low carbon penta-blended cementitious mortar via the Box-Behnken Design of Response Surface Methodology
3.		Harshdeep Rana, S. Goswami, India. AB_58: agro-industrial horticultural waste valorization: towards a clean & green technology	Grace Mary Abraham, J. Varghese, R. E. John, R. G. David, S. Mathew, S. Jose, India. FP_145: Effectiveness of Coriander Leaves in The Adsorption of Lead from Aqueous Solutions.	Arnab Basu, India. FP_113: Electronic Waste and Extended Producer Responsibility: Implications for Technology Sector	Prashanth Kumar Sreram, A Thomas, India AB_16: A Review of Literature on Material Waste during Construction: Sources, Barriers, Enablers and the role of Stakeholders



4.	Abhishek Rajput, M Singh, P Llinas, B. Breul, Spain. AB_154: Bituminous geomembrane (BGM) used in waste management for environment protection	Tamas Karches, Hungary AB_180: Reactor arrangement improvement in wastewater treatment applying computational fluid dynamics	Rupinder Aulakh, India. FP_130: Inclusive Stakeholders' Model of E-waste Management: Lessons from Developed Nations for India	Pradeep Kumar Khandelwal, India FP_86: Circular Economy - Recycling in Construction & Demolition Waste A Pioneering Initiative by Delhi
5.	Rahul Chakraborty, M. Roy, K. M Agrawal, India AB_176: Assessment of Reuse & Recycling Potential of Hazardous Wastes in West Bengal - An Approach towards Circular Economy for Waste Management	Nandini Saxena, M. P. Rai, India. FP_172: Microalgae Coelastrella sp. KJ04 assisted industrial effluent treatment and improved lipid production: An integrated approach	Jyoti Giri, G. Aryal, R. Gautam, A. Upadhaya, R. Adhikari, Nepal. AB_170: Lab Scale Extraction of Expensive Metals (Gold, Copper and Silver) from Discarded Mobile Hand Set	Mainak Ghosal, A. K. Chakraborty, India. AB_101: Mitigating the Unknown - Risks in Construction & Demolition
6.	P. O. Sarachchandra, A. M. Y. W. Alahakoon, A. K. Karunarathna, Sri Lanka, AB_217: Phosphorus Enrichment of Waste Biomass Derived Biochar by Co-Pyrolyzing with Rock Phosphate	Maróti G, Wirth R, Hungary. AB_177: Chlorella vulgaris and its phycosphere in wastewater: Microalgae-bacteria interactions during nutrient removal	Shelly De, D. Dey, India. AB_63: OCCUPATIONAL HEALTH HAZARDS OF WORKERS OF INFORMAL E-WASTE ECONOMY OF KOLKATA	Padma Parija1, J.S.Sudarsan, India. AB_104: Construction and demolition waste management: steps towards circular economy
7.	Uplabdhii Tyagi, G. G. Singh, India, AB_179: Advances in the thermochemical route for the effective valorization of lignin: An integrated approach	Hema T. S., R. Majji, S. H Sreeramulu, India. AB_178: Minor irrigation tanks of Merakamudidam Mandal, Vizianagaram, Andhra Pradesh: present ecological status, benefits, threats and management strategies	Sadhan Kumar Ghosh, A. Kumar, India AB_257: Recycling of Lithium-Ion Battery to reduce carbon Emission in the Automobile Industry	Srishti Saha, T. Mohanty, India. FP_131: Effect of RHA and GGBS as partial replacement of cement in concrete
8.	Mohini Jadon, Archana Purohit, Indore; AB_272:Sustainable solid waste management: An integrated approach of Indore city	Anup Pardey, A. Bhowal, P. Das, S. Karmakar, India. AB_82: Adsorption of Fluoride from Aqueous Solution by Activated Charcoal	Sandeepa Bhat B. D. Sengupta, India AB_17: Battery Waste Management: A Rising Concern in West Bengal Battery Waste	Rajesh Kumar, Rajni Lakhani, Roorkee, India AB_1: Experimental investigation on the effect of high-volume low-grade stone slurry on mechanical, seismic resistance and thermal properties of Aircrete
9.		Prasenjit Ghosh, S. Mukherji, India. AB_91: Biodegradation of fluorene, carbazole, dibenzothiophene and various indigenous PAHs and heterocyclics in petroleum refinery wastewater and development of methods for their identification and quantification along with their degradation intermediates.		Anurag, Rajesh Kumar: Patiala, India; AB_2: Optimization of clinker factor for low carbon penta-blended cementitious mortar via the Box-Behnken Design of Response Surface Methodology
10.		Rahul S. Sutar, India AB_81: Modelling Approaches for Wetlands: A Review		R.Gulati, F.Bano, M.Aamir, Lucknow, India; AB_263: An Integrated Review on Construction and Demolition Waste Management in India: Most Recent Developments and Way Forward
11.		K.K. Sivakumar, S. Kumar. Ethiopia AB_126: Adsorption of Phenol and Chromium (VI) Pollutants in Wastewater using Graphite		

## Day 4; 04.12.2021, Saturday

Day 4		10.00 – 12.00 IST (UTC+5.30)	12.30-14.30 (India Time)	15.15 – 17.15 (India Time)	
<b>Day 4</b> <b>04.12.2021</b> <b>Saturday</b>	Hall 1	<b>Technical Session 18- Waste water - 3</b>	<b>Special Session – 13 South Asian Countries</b>	<b>Hall 1: Valedictory &amp; IconSWM Excellence Award Ceremony</b>	
		<i>Chair: Prof. Anurag Mudgal, Ahmedabad, Gujarat</i> <i>Co-Chair:</i>	<i>Chair: Dr. Anurudda, Sri Lanka</i> <i>Co-Chair:</i>	<b>To be presided over by,</b> Prof. Sadhan Kumar Ghosh, Chairman, IconSWM-CE & President, ISWMAW.	
		V. Davamani, K. B. Monica, E. Parameswari, R. S. Piriya, M. Maheswari, <b>India.</b> <b>AB_184: Impacts of treated paper mill effluent on soil quality and onion crop productivity</b>	<i>Prof. Sadhan K Ghosh, India- Opening Remarks</i>	<b>Welcome address: C R C Mohanty,</b> UNCRD, Co-Chair of IconSWM-CE	
	1.	Knisz, J, Shetty, P, Wirth, R, Maróti, G, Karches, T, Vadkerti, E, Bíró, T. <b>Hungary.</b> <b>AB_185: Effluent quality of small, on-site wastewater treatment systems and the effect of storage.</b>	Mr. Nalin Mannapperuma, Director, WM Authority of Western province, <b>Sri Lanka</b> <b>Resources recovery from waste: Sri Lankan experiences</b>	<b>Speech by</b> Prof. Albert O Naperi, President, BICOL Agricultural University, Philippines, Prof. Samantak Das, Pro-Vice Chancellor, Jadavpur Univ. Dr. Kare H. Karstensen, SINTIF, Norway	
	2.	V. Krishna Naik, A.V.V.S. Swamy, P. N. Begum, <b>India.</b> <b>AB_198: Application of Nanoparticle Technology in the waste Water Treatment from Pharmaceutical Industries</b>	Mr. Mohamed Hamdhan, Project Coordinator, Ministry of Env., Climate Change and Technology, <b>Maldives</b> <b>Evolution of Garbage Island – Thilafushi</b>	Prof. P. Agamuthu, Sunway Univ., Malaysia; <b>Announcement of 12<sup>th</sup></b> IconSWM-CE & IPLA GF 2022. Prof. Francesco Di Maria, Italy Dr. Premakumara, Director, CCET-IGES, Japan	
	3	Moumita Sharma, A. Bhowal, S. Datta, <b>India.</b> <b>AB_76: Process Intensification in Concentration of fruit juice by Air Stripping in Packed bed under centrifugal field.</b>	Mr. Mahinda Werahera, Director, Env. pollution Control and Chemical Mngt., Ministry of Env., <b>Sri Lanka</b> <b>Plans and initiatives to tackle plastic pollution in Sri Lanka</b>	Dr. Anuraddha, University of Peradeniya, Sri Lanka	
	4	Sonu, Ritu, G. Deokar, S. kumar, <b>India.</b> <b>AB_19: Spatiotemporal Study of Groundwater Depth and Quality in Western Agro Climatic Zone of Haryana</b>	Prasanta Kumar Mohapatra, Asheesh K. Yadav, Sadhan Kumar Ghosh, <b>Odisha &amp; WB, India;</b> <b>AB_258: Wastewater management in urban areas: A potential Business Model</b>	Prof. David Olukanni, Covenant Univ, Kenya Prof. M. Nelles, RU, Germany; - <b>Announcement of Awards</b>	
	5	Sonu, Ritu, G. Deokar, S. kumar, <b>India.</b> <b>AB_20: Trend Analysis of Groundwater Levels in Rohtak and Sonipat district of Haryana, India</b>	Ms. Sarojinie Jayasekara, Director – SWM, Central Env. Authority, Sri Lanka <b>Regulatory framework to control plastic pollution in Sri Lanka</b>	<b>IconSWM-CE Awards for Paper by the ISWMAW President</b> Presidential Address & Chair's Summary: Prof. S K Ghosh	
6	Sonu, Ritu, G. Deokar, S. kumar, <b>India.</b> <b>AB_21: Analysis of Drivers of trends in depth to water levels in Jhajjar District of Haryana, Indi</b>	Mr. Gordon Jackson, Soneva Namoonna Champion at The Soneva Group, <b>Maldives</b> <b>Topic (tbc)</b>	<b>Vote of Thanks by Dr. Aida Ben Hassan, Tunisia,</b>		
7	Prachi Rath, D.S. Malik, <b>India</b>				

		AB_27: Distribution pattern of zooplankton in relation to water quality characteristics of Tehri reservoir at Garhwal Himalayan region Uttarakhand, India		
8		N.S.Srinidhi, P. M. Reddy, M. A. Reddy, <b>India</b> . AB_132: Spatial Analysis of the Water Quality in Ameenpur Lake, Hyderabad, Telangana, India: The Biodiversity Heritage Site of India		
		Shilpa Bose, Ruchira Mukherjee, Tina Basu, Ranchi & Kolkata, India; AB_259: Review on the impact of PPCPs (Pharmaceutical and Personal Care Products) on humans and water bodies: Occurrence, Pathways and Treatment processes		
<b>Day 4</b>	<b>10.00 – 12.00 IST (UTC+5.30)</b>	<b>12.30-14.30 (India Time)</b>		
<b>Hall 2</b>	<b>Technical Session 19- Industrial Waste</b>	<b>Technical Session 20- Landfill &amp; Legacy Dumpsite</b>		
	<b>Chair: To be announced</b> <b>Co-Chair: To be announced</b>	<b>Chair: To be announced</b> <b>Co-Chair: To be announced</b>		
1.	Varsha Agrawal, R. Paulose , R. Arya, S. K Sanghi , D. Mishra ,S. T. Salammal, <b>India</b> , AB_26 :Green Conversion of Red Mud into X-Ray shielding Material	N. Dzebisashvili, L. Kvinikadze, E. Tskhakaia, <b>Georgia</b> , FP_98: Preliminary Ecological Study of Leachate of the Municipal Solid Waste Landfill (Georgia, Tbilisi) to Determine the Potential of their Purification Using Carbon Nanomaterials		
2.	Debosmita Sikdar, I. Kanungo, <b>India</b> , AB_28: Fabrication of enzymes extracted from fungal origin of discarded leather spills: an attempt towards biodegradation and sustainable biocatalysis	Shiwasish Singh Swar, A. Ghimire, <b>Nepal</b> , AB_99: Optimization of Coagulation-flocculation Process for Landfill Leachate Treatment using Response Surface Methodology.		
3.	Vani M, U. Maheswari Devi P, <b>India</b> , AB_44 : Synthesis and Characterization of Seagrass based Chitosan Nanoparticles and ANN modelling for the degradation of Reactive azo dyes of Textile effluents	P.Revathi Prasanna, S. sankhyayani .A, P.B. Rao , <b>India</b> , AB_188: Landfilling of Hazardous Waste; Current and Future		
4.	M Naga Rajani, D.K. Kumar, V. N. Rao, <b>India</b> , AB_60: Potential use of Parthenium Stem Powder, For Removal Of Pb+2	Samran Banerjee, A. Dutta, <b>India</b> , AB_14: Potential resource recovery through bio-mining of legacy waste for South Asian countries		
5.	Mogili Sudhakar, M. Heeralal, <b>India</b> , AB_74: Liquefaction Susceptibility of Reinforced Pond ash	Pradeep Kumar Khandelwal, S. Awasthi, <b>India</b> , AB_88 :Reducing carbon footprint via processing of		

			legacy waste, a case study of Ghazipur Dumpsite, East Delhi	
	6.	Sowmyalakshmi.K, Munilakshmi. N. <b>India</b> FP_118: Decolorization of Acid Dye using Low Cost Organic Adsorbents	Pradeep Kumar Khandelwal, S. Awasthi, <b>India</b> , FP_173: Land Reclamation through Processing of Legacy Waste - A Case Study of Ghazipur Dumpsite, East Delhi	
	7.	Rahul Arya, V. Agrawal, R. Paulose, A. Pandey, D. Mishra, S. K. Sanghi, Mohd. A. Khan, D. P. Mondal, K. B. Shabi Thankaraj Salammal, <b>India</b> , AB_123: Red Mud Based High Energy Gamma Ray Attenuating Blocks	S. Lavudya, D. B. Naik, P. K. Kumar, S. V. Krishna, S. Golla, V. Himabindu, <b>India</b> . AB_226: Advanced oxidation of landfill leachate: Substitution of Coal Fly Ash (CFA) as a low-cost catalyst in Fenton oxidation	
	8.	Meenakshi Malhotraa, P. Pala, <b>India</b> , AB_164: Selenium Pollution: A review of Occurrence, Health impacts, Challenges in Separation and Recovery		
	9.	SURYA MOL N V, U. KUMARY, SUMA K, <b>India</b> , FP_165: Pesticide Removal Using Biochar - a review		
	10.	Sanjeev Kumar, R. Singh, <b>India</b> , AB_41: Composition, generation and environmental concerns of Petroleum Sludge		
	11.	Dipankar Das, P. K. Rout, <b>India</b> AB_85: Synthesis of geopolymer materials by utilizing industrial solid wastes: A review		
	<b>Day 4</b>		<b>12.30-14.30 (India Time)</b>	
	<b>Hall 3</b>	<b>Special Session -14: Petroleum &amp; Petrochemical Industries</b>		
		<i>Chair:</i>		
		<i>Co-Chair:</i>		
	1.	Supriyo Majumder, T. Chiranjeevi, <b>India</b> , FP_219: BHARAT FURNO CHEM: A Cleaning Chemical for Heaters and Boilers		
	2.	Jagannath Patro & sh. Prashant Mishra, <b>Kolkata, India</b> Sludge Management in crude oil storage tanks under IOCL Pipelines Division		
	3.	<b>To be added soon</b>		
	4.			



## 11<sup>th</sup> IconSWM-CE & IPLA Global Forum 2021

**SUMMARY; DAY 1; 01.12.2021 to 4.12.2021; Wednesday – Saturday; Total Presentations: 320**

[Keynote Session -One; Plenary sessions - Five; Special Sessions- Fourteen; Technical Sessions- Twenty;]

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Date & day	HALL	10.00 – 12.00 IST (UTC+5.30)	12.30-14.30	15.15 – 17.15	18.15 - 20.15
DAY 1 01.12.2021 Wednesday	Hall 1	Hall 1: Inaugural & IconSWM Excellence Award Ceremony	Keynote Session 1	Plenary session 1- Asia & the Pacific	Plenary session 2- European & East Europe
	18		6	7	6
	Hall 2			Special Session 1: Tunisia 1	Plenary Session 3- US, Latin America & Africa
	16			9	7
	Hall 3			Technical Session 1- WM Policy	Technical Session 2- Wastewater-1
	14		10	4	
	Hall 4		Technical Session 3 – Healthcare Waste Management	Technical Session 4- SWM-1	

Date & day	HALL	10.00 – 12.00 IST (UTC+5.30)	12.30-14.30	15.15 – 17.15	18.15 - 20.15
	18			8	10
	66				
Day 2		10.00 – 12.00 IST (UTC+5.30)	12.30-14.30	15.15 – 17.15	18.15 - 20.15
Day 2 02.12.2021 Thursday	Hall 1	Special Session 2 – Bangladesh	Special Session – 3 Philippines	Special Session- 6 OPTOCE	Technical Session 10- Recovery & Biomethanation
	32	4	8	11	9
	Hall 2	Technical Session 5- SWM-2	Special Session- 4 Vietnam	Special Session- 6 IPLA	Technical Session 11- Circular Economy & Waste Circulation
	34	10	8	7	9
	Hall 3	Technical Session 6 - Plastics Waste Management	Technical Session 7- Energy-1	Technical Session 8- Waste Utilization & Valorization-1	Tech. Session 12 - Climate Change & Community Commitment
	41	11	9	11	10
	Hall 4		Special Session- 5 WM in Small Island Country	Technical Session 9 – Biomethanation	
	20	10	0	10	
	127				
Day 3		10.00 – 12.00 IST (UTC+5.30)	12.30-14.30	15.15 – 17.15	18.15 - 20.15
Day 3 03.12.2021 Friday	Hall 1	Special Session 7: Plastic Litter in Sri Lankan Water Environment: A Source of Marine litter-CCET-IGES	Plenary Session 4- Asia & the Pacific	Special Session-9 Coproprocessing in Cement Industries	Tech. Session 16 – Energy-2
	22	6	7	0	9
	Hall 2	Special Session 8 - Asia & the Pacific	Plenary Session 5- EU and the UK	Special session-10 ASEAN	Special session-11 Wm & CE in African Countries
	23	7	5	7	5
	Hall 3	Technical Session 13- Waste Utilization & Valorization-2	Technical Session 14- Wastewater-2	Technical Session 15- E-waste and ELV	Technical Session 17 - CDW
	37	8	11	8	10
	82				
Day 4		10.00 – 12.00 IST (UTC+5.30)	12.30-14.30	15.15 – 17.15	18.15 - 20.15
		Technical Session 18 - Wastewater-3	Special Session – 13 South Asian Countries		
	16	10	6		
Day 4 04.12.2021 Saturday	Hall 1	Technical Session 19- Industrial Waste	Technical Session 20- Landfill & Legacy Dumpsite	Hall 1: Valedictory & IconSWM Excellence Award Ceremony	
	18	11	7		
	Hall 2	Special Session-12 Petroleum Industries	Technical Session 20- Landfill & Legacy Dumpsite		
	8	2	7		
	42				
Total	320				