

10th International Conference on Sustainable Waste Management towards Circular Economy

December 02 – 07, 2020, Jadavpur University, Kolkata, India

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

Centre for Sustainable Development and Resource Efficiency Management, Jadavpur University, India

Centre for Sustainable Technology, Indian Institute of Science, India

Principal Organisers



Sponsors :



Organising Partners :

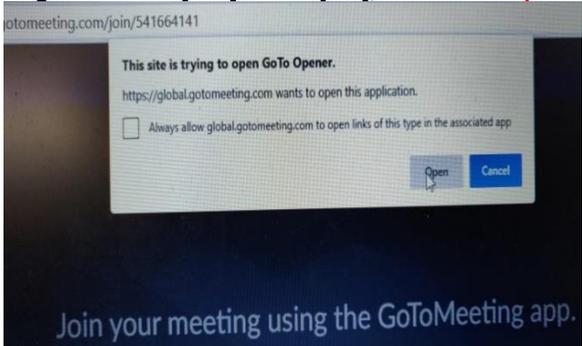
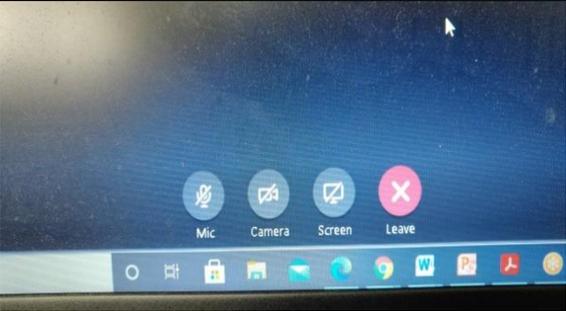


International Partnership for Expanding Waste Management Services of Local Authorities (IPLA)



How to join : NO SEPARATE LINK IS NECESSARY TO JOIN THE CONFERENCE. PLEASE CLICK ON THE [\[Click to Join\]](#) given for each session on the schedule. This will allow joining respective the session in the hall. It will not allow you to click two sessions at a time from one device. CONTACT : iswmaw@gmail.com ; Website: www.iswmaw.com

Program Schedule for 7th December 2020

HALL 1 [Click to join]	HALL 2 [Click to join]	HALL 3 [Click to join]
<p>Figure 1: Once you [click to join], then Click- Open.</p> 	 <p>Figure 2: Once you click- open, you will join the meeting platform.</p>	<p>Four buttons at the bottom will appear. MIC, Camera and Screen buttons should be crossed always as shown unless you are requested to open. If your click on Leave buttons, you can leave the meeting. You can join again by [click to join] on the schedule. If you have any problem in the meeting, you leave and join again in similar way. If you want to join another session, you have to leave from one session and can join other. Platform won't allow you to join two sessions at a time.</p>
<ol style="list-style-type: none"> Chairs: You will be introduced by the Hall Managers to start the session. The organisers will invite the speakers one after another. QA will be conducted by you with the help of organisers. Questions will be taken from chat box written by the participating delegates. You are requested to rate the presentations for IconSWM-CE excellence Awards. You are requested to prepare the Chair's summary to present at the end of the session. You are requested to send the rating form filled in and the Chair's Summary to: iconswm.review@gmail.com after the session finished. At the end of the session, request all to click on the camera to take a photo. At the end, please mute the MIC so that organisers can start the next session. Speakers: On your turn, click Mute button to speak. Please be ready with your ppt open on your laptop during the previous presentation. On your turn, open your ppt, click on Screen button at the bottom and share the ppt and make full screen mode. If you have any problem, request the organisers to share your ppt. keep always MIC button crossed to avoid any disturbances. Please send the ppt with file name, session number_your presentation serial number in the session_your name to iconswm.review@gmail.com by 30.11.2020. [e.g., SS1_02_ Ramona or, TS5_01_Kunal. Participants: Join, keep your microphone, camera and screen button crossed to avoid any disturbances. 		

Please Read Carefully : Guidelines for Chairs, Speakers and Participants to join & continue
You can join hall 1,2&3. Clicking [\[Click to Join\]](#) written beside respective hall as shown below, needs No link.
Kindly be present in the hall for the session 15 minutes earlier to the time of the session. Speaker, if cannot share the screen for presentation, our organisers will share the screen for your speech to avoid delay. Presentation: Keynote: 15 minutes; Others : 10 mins

Summary of Schedule: 10thIconSWM-CE 2020, December 02 - 07, 2020 [Time given in IST]

Prof. Dr. Sadhan Kumar Ghosh, Chairman, 10th IconSWM-CE & the President of ISWMAW, expresses his gratitude to all the speakers, chairs, sponsors, principal organizers, organizing partners, members in the committees, participants and their sponsoring organizations, hall management and the organizers for their support & participation in 10th IconSWM-CE 2020 making 240 presentations from 44 countries, UNCRD, UNIDO and UNEP with over 700 participating delegates in sessions under this stressed pandemic COVID-19 situation. Hope to present a meaningful event. Looking forward to see you in 11th IconSWM-CE 2021 for the benefit of the environment, mankind & living creatures.

Participating Countries	10 th IconSWM-CE 2020 will be participated by delegates and speakers from countries, namely, Bangladesh, Bhutan, Bolivia, Brazil, Chile, China, Ethiopia, Egypt, France, Georgia, Germany, Hungary, India, Indonesia, Japan, Lebanon, Malaysia, Mexico, Morocco, Myanmar, Nepal, Netherlands, Nigeria, Norway, Philippines, Portugal, Rowanda, Russia, Soudi Arabia, South Korea, South Sudan, Spain, Sweden, Tanzania, Thailand, Togo Republic, Turkey, Uganda, UK, Uruguay, UK, USA, Vietnam, Zambia, and UN organizations: UNCRD, UNEP and UNIDO.
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7/12/2020	Program Schedule for 7th December 2020	
7/12/2020	HALL 1 [Click to join]	HALL 2 [Click to join]
7/12/2020 11.00 – 13.00 IST	Technical Session (TS) – 19 Climate Change, / Circular economy / bio energy	Technical Session (TS) – 20: Wastewater/ waste management
	Chairs: Prof. Soma Mukherjee, Kalyani University and Prof. Apurba Ghosh, Bardhaman University, India	Chairs: Prof. B. C. Meikap IIT KGP and Prof. Amit Hazra, Biswabhrati, India
	<p>Keynote Speech: Waste Water Management toward Circular Economy, Prof. Sudip Kumar Das, University of Calcutta, India.</p> <p><i>Assessment of the Impact of Bio-solids Application in Okra Cultivation Derived from Stabilized Fecal Sludge, Atun Roy Choudhury, L K Mahalakshmi, Jheelam Sarkar, Namita Banka, Rajarshi Banerjee, India</i></p> <p>Parametric optimization for regeneration of waste lubricating oil by CCD approach, Sayantan Sarkar, Deepshikha Datta, B. K. Mondal, B. Das, India</p> <p>Concentration of sucrose solution by Air Stripping in Rotating Packed bed, Moumita Sharma, Avijit Bhowal, Siddhatha Datta, India</p> <p>The Role of Automation in Eco-Industrial Park Development in Russia, Yaroslavtsev D, Russia.</p>	<p>Keynote speech : Dr. Indra N. Mitra, Director – Technical and Project Development, Cambi, Kolkata, India</p> <p>Effect of the electrode on the treatment of coconut industry effluent using Microbial Fuel Cell, Sanju Sreedharan, Dr. Renu Pawels, Kerala, India</p> <p>Waste water treatment and resource circulation in the East Africa Community (EAC), Amb. Prof. Michael Koech and K.J. Munene, Kenyatta university, Kenya.</p> <p>Immobilization of Tannase from Alternaria alternate TUSGF1on chitosan beads, Tapasi Polley, Uma Ghosh, India.</p> <p>Adsorption of Organic Contaminants By Fly Ash In A Multi-Solute System, Kashinath Banerjee, Srikanth Muddasani, and Tapas K. Das, St. Martins University, USA (to be presented by Prof. T. K. Das).</p>

	<p>Assessment of the Impact of Bio-solids Application in Okra Cultivation Derived from Stabilized Fecal Sludge, Atun Roy Choudhury, L K Mahalakshmi, JheelamSarkar, Namita Banka, Rajarshi Banerjee, India</p> <p>Urban Green Space Solid Waste Management for Climate Mitigation of Khulna City, Tusar Kanti Roy, Md M.Saroar, Md Ashrafal Alam, Bangladesh</p> <p>Wildlife trade and global pandemics: An analysis of policy gaps and the road ahead. A. Roy Saha , Kingshuk Saha , Nawin Kumar Tiwary, India.</p> <p>Industry 4.0 in waste management. Mr. Harijjan Das, New Delhi. QA and Chair's Summary</p>	<p>Green synthesis of gold nanoparticles using Oldenlandia Corymbosa plant extract, K S Deepak, Deepshikha Dutta, Bimal Das ,India</p> <p>Waste Recycling, Dr Smarajit Roy, Director, SolarWin UK Ltd., Dena Nano Group of Companies, UK</p> <p>Design and Fabrication of a Novel Triphasic Anaerobic Bioreactor for the Co-treatment of Organic Municipal Solid Waste and Slaughterhouse Waste, Atun Roy Choudhury, P. Sankar Ganesh, Prasenjit Mondal, Namita Banka, Rajarshi Banerjee, Hyderabad, India QA and Chair's Summary</p>
	HALL 1 [Click to join]	
7/12/2020	13.30 – 15.30hrs : Special Session (SS-13): Waste Recovery and Circular Economy in Petroleum and petrochemical industries	
	Chairs: Mr. J. P. Sinha, ED, Pipelines Divn., ER, IOC Ltd. and Mr. Amit Dasgupta, Chief General Manager, Pipelines Divn., ER, IOC Ltd.	
	<p>Opening Speech: Prof. Sadhan K Ghosh, Chief Coordinator, Centre for Sustainable Development and Resource Efficiency Management, Professor, Mechanical Engineering, Jadavpur University, India</p> <p>Oil and Waste Management in oil and gas industry, Mr. Biswajeet Shown, Asst. Vice President, R&D, Reliance India Ltd.</p> <p>Over view of Various Waste Minimization programmes in Petroleum Industries, Dr Thota Chiranjeevi, Dy General Manager (R&D), Bharat Petroleum Corporation Ltd., Corporate Research & Development Centre, Greater Noida (U.P.), India</p> <p>Organic Waste management through anaerobic digestion, Dr. Manoj K. Upreti, Senior Research Manager, IOCL, R&D Centre, Faridabad , India</p> <p>Sustainable Chemical Recycling for Managing Waste Plastic Menace, Dr K. V. Bineesh, Manager, IOCL, R&D Centre, Faridabad, India</p> <p>ETP Management in Panipat Naphtha Cracker, Mr. Saurav Kumar, Manager, IOCL, Pipelines, Chennai & Sh. P Sridharan, Manager, IOCL, Panipat Refinery, India</p> <p>Waste Management in Indian Oil's Crude Oil Storage cum Pumping Installation at IOCL Paradip, Mr. T Ravindra, Chief Manager, IOCL, Pipelines, Paradip , Odisha, India QA and Chair's Summary</p>	

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7/12/2020 18.00–19.30hrs	Concluding Ceremony at HALL 1: [Click to join]
18.00 hrs	Program Coordinators: Dr. Kaniska Sarkar, Assistant Registrar, Jadavpur University and Dr. Sutripta Sarkar, Faculty, Barrackpore Rastraguru Surendranath College, West Bengal State University, India and Working Group Member, 10 th IconSMW-CE 2020.
18.05 – 18.10hrs	Welcome Speech: Prof. Chiranjib Bhattacharya, Pro- Vice Chancellor, Jadavpur University, India
	Reporting of 10th IconSWM-CE 2020
18.10 – 18.15hrs	Participation of African Countries, Dr. Rocio A. Diaz-Chavez, Dy. Centre Director, RECCP Leader, Stockholm Environment Institute, Kenya, & Vice-Chairman, 10 th IconSWM-CE 2020
18.15 – 18.20hrs	Participation of Latin American Countries, Prof. Coelho Suani, Sao Paulo University, Brazil & Vice-Chairman, 10 th IconSWM-CE 2020
18.20 – 18.25hrs	Participation of Asian Countries, Prof. P. Agamuthu, Sunway University, Malaysia, Editor-in-Chief, WMR, Malaysia; Co-Chairman, 10 th IconSWM-CE'20
18.25 – 18.30hrs	Participation of India, Dr. H. N. Chanakya, Chief Research Scientist, IISc, India & Co-Chairman, 10 th IconSWM-CE 2020
18.30 – 18.35hrs	Participation of Research Projects from different Countries, Dr. K. H. Kare, Chief Scientist, SINTEF, Norway & Co-Chairman, 10 th IconSWM-CE 2020
18.35 – 18.40hrs	Participation of European Countries and Russia, Dr. Vladimr Maryev, Head of R&D Branch, Federal Ecological Industrial Policy Center, Russia, & Vice-Chairman, 10 th IconSWM-CE 2020
18.40 – 18.45hrs	Overall Participation, Prof. Sudip Kumar Das, Professor & Ex- HOD, Chemical Engineering & Vice-Chairman, 10 th IconSWM-CE 2020
18.45 – 18.55hrs	Presentation of Chair's Summary: Prof. Sadhan Kumar Ghosh, Chairman, 10 th IconSWM & President, ISWMAW; Professor, Jadavpur University, India
18.55 – 19.00hrs	Declaration of “IconSWM-CE Lifetime Achievement Award 2020” by Mr. K. Onogawa, Director, CCET IGES, Japan & Co-Chairman, 10 th IconSWM-CE'20
19.00 – 19.10hrs	Announcements of the followings by Mr. C. R. C. Mohanty, Environment Coordinator, UNCRD, Japan & Co-Chairman, 10 th IconSWM-CE 2020 <ul style="list-style-type: none"> 1. 11th IconSWM-CE 2021 2. IPLA Global Secretariat, 3. 11th Regional 3R & Circular Economy Forum in Asia and the Pacific 2021
19.10 – 19.20hrs	Declaration of “IconSWM-CE Excellence Award 2020” by Prof. M. Nelles, Professor, Rostock University, Germany & Co-Chairman, 10 th IconSWM-CE'20
19.20 – 19.25hrs	Vote of Thanks, Dr Jozsef KOVACS, Environmental Expert, FELSŐ-BÁCSKA Tározós Szélpark Kft., Hungary & Vice-Chairman, 10 th IconSWM-CE'20