3rd Philippine Solid & Hazardous Waste Management Conference 2018

The Philippine Waste Outlook: Our Waste, Our Responsibility for a Sustainable Future

December 5-7, 2018 | **MetroCentre Hotel and Convention Center,** Tagbilaran City, Bohol

FINAL PROGRAM

Day 1 | Wednesday, December 5

7:00-10:00 am	Registration
9:00-10:00	Snacks & Exhibition Visit
Opening Ceremony, Keynote and Plenary Addresses sponsored by PARTNER SPONSOR UNIVERSAL ROBINA CORPORATION	
10:00-10:30	Opening Ceremony
10:30-11:15	**Keynote: The Global Waste Outlook, ASEAN Integration and the Philippine Scenario** Roy A. Cimatu *(invited)* Secretary, DENR
11:15-12:00	**Special Presentation** *(invited)* Senator Cynthia A. Villar Chairperson, Senate Committees on Environment and Natural Resources, and Agriculture and Food
12:00-1:00	Official Exhibition Opening & Lunch
1:00-1:45	**Environmentally Sound Management of Waste and the Sustainable Development Goals** Metodio U. Turbella Director, EMB-DENR
1:45-2:15	**Effective Waste Management through Recycling of Waste** David J. Lim, Jr. SVP Technology, Projects & Engineering, Branded Consumer Foods Group, Universal Robina Corporation
2:15-3:00	**Hazardous Waste Management Projects in the Philippines (***tentative title)* Tonilyn P. Lim Country Representative, UNIDO
3:00-4:45	**Coffee/Tea Break is sponsored by SUPPORTING SPONSOR DEVELOPMENT BANK OF THE PHILIPPINES**
4:15-5:00	**Academe and Community Collaboration for Sustainable Waste Management** Prof. Jose T. Travero Campus Director, Bohol Island State University-Bilar Campus & Director of Regional Climate Change Center, Bohol
5:00-6:00	**Policy Updates and Reports on Hazardous Waste Management** Engr. Geri-Geronimo R. Sañez Hazardous Waste Management Section Chief, Environmental Quality Division, EMB-DENR Central Office
6:30-7:30	**Welcome Dinner with the Loboc Children's Choir**

Day 2 | Thursday, December 6

	Breakout Session Room 1	Breakout Session Room 2
8:00-8:40 am	**Policy Implementation of the Republic Act 9003 in the Philippines: A Case Study of Pampanga** Engr. Inla Diana C. Salonga, Faculty, College of Engineering & Architecture, Don Honorio Ventura Technological State University	**Formation of a Strategic Alliance to Provide an Enabling Environment for Effective Reduction of Plastic Leakage into the Ocean** Maricon Mendez-Alvarez, Mother Earth Foundation
8:40-9:20	**Veritas College of Irosin (VC): Model for Strengthening Sustainable Solid Waste Management Program** Prof. Merlita B. Santiago, Extension Program Coordinator, Veritas College of Irosin	**Iloilo Province Alternative Recycling Technology (ART) on Plastics** For. Mitzi S. Penaflorida, Senior Environmental Management Specialist, Provincial Government Environment and Natural Resources Office
9:20-10:00	**Solid Waste Management in the City of Ilagan, Philippines: Basis for Extension Program** Engr. Ma. Cristina Lalaine M. Nerona, Director for Research, Extension and Training Services, Isabela State University	**Isolation and screening of plastic degrading bacteria from Payatas Landfill, Quezon City and Smokey Mountain, Manila** Julius F. Banega, Science Research Specialist II, Urban Toxic Substances and Hazardous Wastes Research Center (UTHRC), Ecosystems Research and Development Bureau (ERDB)-DENR
10:00-10:20	Coffee/Tea Break and Exhibition Visit	
10:20-11:00	**Women's Assessment of the Solid Waste Management in Lingayen, Pangasinan** Celeste T. Mercado, Natural Science Department, Pangasinan State University-Lingayen Campus	**Research on machine design method using generative design in rural area: Case study of heat press machine development** Yutaka Tokushima, Designer and Engineer, Keio University / Project Manager of Plastic Recycling Project for Improving Women's Income, A Joint Effort of Keio University, JICA, and LGU Tagbilaran City
11:00-11:40	**PPP Model: Women-Managed Recycling Facilities in Tagbilaran City** Ellen Grace Z. Gallares, MBA, Consultant, Keio University / Plastic Recycling Project for Improving Women's Income, A Joint Effort of Keio University, JICA, and LGU Tagbilaran City	**Alpha Magnetic Plasma: Medical/Healthcare Waste Treatment Machine and Solid Waste Processor** Engr. Alex C. Laguisma, Consultant and PCO, Alpha Process Solutions Philippines
11:40-12:20 pm	**Solid Waste Management in the Philippines: Communication Planning Towards Sustainable Solid Waste Management and Tourism in Caraga Region, Philippines** Dr. Mary Jean A. Camarin, Chief Tourism Operations Officer, DOT Caraga Region XIII	**Developing a Waste Analysis and Characterization Study Sampling Plan for a Local Government Unit** Engr. Reynaldo L. Esguerra, Chief Science Research Specialist, DOST and Chair of Multi-Agency Sub Group on WACS Development of NSWMC
12:20-1:00	Lunch & Exhibition Visit	

1:00-1:40	**Waste Management Practices of Cagayan State University at Sanchez Mira** Prof. Jane Gladys Abran-Monje, Campus Auxiliary Services Coordinator, Cagayan State University Sanchez Mira Campus	**The Solid Waste Management of Japan: An Internship Program Learning Experience** Admer Rey C. Dablio, Inorganic Chemistry Section, Chemistry Laboratory, Standards and Testing Division, Industrial Technology Development Institute-Department of Science and Technology (ITDI-DOST)
1:40-2:20	**Lamitan City's ALAB (Abante Lamitan, Atras Basura) Program** Engr. Raquel M. Hibionada, City Government Department Head I, City Government General Services Office, Lamitan City, Basilan	**Production of an In-house Reference Material for Wates-Testing Laboratories as a Means for Reducing Waste** Harold E. Armario, RCh, Science Research Specialist I, Industrial Technology Development Institute- Department of Science and Technology (ITDI-DOST)
2:20-3:00	**Solid Waste Management Practices of the BSCE Students of Apayao State College** Asst. Prof. Agustina G. Pattung, Associate Professor III, Apayao State College	**Assessment of Lead and Cadmium Waste Mixture as an In-House Reference Material for Testing Laboratories** Elyson Keith P. Encarnacion, RCh., Senior Science Research Specialist, Industrial Technology Development Institute-Department of Science and Technology (ITDI-DOST)
3:00-3:20	Coffee/Tea Break & Exhibition Visit	
3:20-4:00	**Awareness and Practices of the Employees of Holy Name University on Solid Waste Management** Prof. Nicetas G. Ruiz, Professor, College of Arts & Sciences, Holy Name University	**Full Site Assessment of Bacut Lake in Sta. Marcela, Apayao: An Input for Conservation and Eco-Tourism Development** Asst. Prof. Reymalyn C. Aman, Assistant Prof. IV, College Research Director, Apayao State College
4:00-4:40	**Environmental Attitude and Composting Knowledge, Attitudes, and Practices: Basis for Solid Waste Management Program** Engr. Julian S. Setosta Jr., College Instructor, St. Michael's College, Ilagan City	**Tagataya: The Barlo Mine Recreational Development** Arch. Ryan Yandan, Faculty, College of Engineering and Architecture, Don Honorio Ventura Technological State University
4:40-5:20	**Production Efficiency of the Developed Low-Cost Bottom-up Flow Through Vermin Reactor (BUFTVR) adopted to African Night Crawler (eudrilus eugenae)** Prof. Mirasol Agpuldo, Campus Coordinator – B.S. Agriculture Department, Apayao State College	**Assessment of workers' exposure to hazardous wastes from junkshops and other solid waste management facility in NCR and nearby areas** Nery A. Alba, Chief Science Research Specialist, Center Head, Urban Toxic Substances and Hazardous Wastes Research Center (UTHRC), Ecosystems Research and Development Bureau (ERDB)-DENR
5:20-6:00	**Agricultural Waste Shredder and Pelletizer Machine** Engr. Patrick Sta. Maria, Chairperson, Department of Mechanical Engineering, Don Honorio Ventura Technological State University	**Greening the E-Waste Management of Don Honorio Ventura Technological State University** Dr. Aileen P. de Leon, Faculty, Don Honorio Ventura Technological State University

Day 3 | Friday, December 7

	Breakout Session Room 1	Breakout Session Room 2
8:00-8:40	**Challenges encountered in the Implementation of School Disaster Preparedness Measures among Coastal and Upland Secondary School Personnel in Congressional District I of Negros Oriental** Dr. Roger Malahay, Faculty, College of Arts & Sciences, Negros Oriental State University-Guihulngan Campus	**Utilization of ensiled pineapple leaves *(Ananas comosus)* for the production of lactic acid using Lactobacillus casei** Maria Sheila K. Ramos, Faculty, Department of Chemical Engineering & Technology (COE&T), Mindanao State University-Iligan Institute of Technology (MSU-IIT)
8:40-9:20	**Bioluminescent Vibrio Sp. From Gazza Sp. As Potential Biosensors of Copper and Zinc** Prof. Ofelia D. Giron, Associate Professor in Chemistry, University of the Philippines Baguio	**Utilization of Fly Ash for the production of Autoclaved Aerated Concrete and its environmental implications** Maria Sheila K. Ramos, Faculty, Department of Chemical Engineering & Technology (COE&T), Mindanao State University-Iligan Institute of Technology (MSU-IIT)
9:20-10:00	**Risk Assessment of Heavy Metal Accumulation in lingulate *(Lingula Anatina)* from the coastal area at Phuket Bay, Thailand** Asst. Prof. Dr. Pensiri Akkajit, Lecturer, Faculty of Technology and Environment, Prince of Songkla University, Phuket Campus, Thailand	**Phytoremediation Scheme for Polluted Waterways in Urban Areas** Engr. Teresa S. Salanguit, Supervising Science Research Specialist, Urban Toxic Substances and Hazardous Wastes Research Center (UTHRC), Ecosystems Research and Development Bureau (ERDB)-DENR
10:00-10:20	Coffee/Tea Break & Exhibition Visit	
10:20-11:20	**Policy Updates and Reports on Solid Waste Management, Draft DAO on the use of Waste-to-Energy Technologies** Engr. Eligio T. Ildefonso Director, National Solid Waste Management Commission	
11:20-12:20	**Emerging Technologies in Waste Management to achieve Climate Change Resiliency** Albert A. Magalang Climate Change Division Chief, EMB-DENR Central Office	
12:20-1:00	Lunch & Exhibition Visit	
1:00-2:00	**Waste-to-Energy technology as a sustainable approach on solid waste management to support the circular economy** Carlos O. Cojuangco District Representative, Tarlac 1st District Co-Author of the approved Regulation of Waste Treatment Technology Act	
2:00-3:30	Pledge of Commitment for the Participants' Resolution	
	Awarding of Best Papers	
	Closing Ceremony	