

20 April 2023 (Day 1)

International Conference on Conservation and Sustainable Development of Coastal Wetland

School of Science and Technology, Hong Kong Metropolitan University

20 - 22 April, 2023

Programme

Zoom passcode: sent to registered participants by email.

Time	Activity
13:30 – 14:00	Registration
	<i>Opening Ceremony</i> Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629
14:00 – 14:05	Welcome Remarks by Prof. Paul LAM Kwan-sing, SBS, JP President, Hong Kong Metropolitan University
14:05 – 14:10	Opening Speech by Mr. TSE Chin-wan, BBS, JP Secretary for Environment and Ecology
14:10 – 14:15	Opening Speech by Prof. WONG Yuk-shan, SBS, BBS, JP Chairman, Research Grants Council of Hong Kong
14:15 – 14:25	Presentation of e-souvenir by Prof. Philips WANG Fu-lee Dean, School of Science and Technology, Hong Kong Metropolitan University
14:25 – 14:30	Photo Taking
	– End of Opening Ceremony –

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<p><i>Presentation Session</i> Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629 Session Chair: Dr. Steven XU, Hong Kong Metropolitan University</p>		
14:30 – 15:10	<p>Keynote Speech 1 Prof. Kenneth LEUNG City University of Hong Kong Title: Eco-engineered Shoreline Designs for Enhancing Marine Biodiversity and Facilitating Carbon Neutrality (Abstract pg. K-1)</p>	
15:10 – 15:50	<p>Keynote Speech 2 Dr. Tim JENNERJAHN (<i>Online Presentation</i>) Leibniz Centre for Tropical Marine Research (ZMT), Germany Title: A Vicious Cycle: How Coastal Development Impairs Biodiversity, Blue Carbon Storage and Other Ecosystem Services – and What Can Be Done (Abstract pg. K-2)</p>	
15:50 – 16:10	Tea and Coffee	
<i>Parallel Presentation Sessions</i>		
	<p>Session A Session Chair: Prof. Billy K.Y. KWAN, Beibu Gulf University; & Dr. Ian MO, Hong Kong Metropolitan University Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629</p>	<p>Session B Session Chair: Dr. Haichao ZHOU, Shenzhen University; & Dr. Ka Tik CHEUNG, Hong Kong Metropolitan University Venue: E0311 Zoom link: https://hkmu.zoom.us/j/91578900601</p>
16:10 – 16:30	<p>Dr. Paul SHIN City University of Hong Kong & IUCN SSC Horseshoe Crab Specialist Group Title: Horseshoe Crabs and Coastal Wetland Conservation (Abstract pg. A-1)</p>	<p>Dr. Carmen OR WWF-Hong Kong Title: Studying the Little-Known: Multi-Faceted Approach for Eurasian Otter Conservation (Abstract pg. B-1)</p>
16:30 – 16:50	<p>Prof. Derrick LAI The Chinese University of Hong Kong Title: Ecosystem-scale Greenhouse Gas Dynamics in a Subtropical Estuarine Mangrove (Abstract pg. A-2)</p>	<p>Dr. Asfandyar SHAHAB (<i>Online Presentation</i>) Beibu Gulf University Title: Status of Coastal Wetlands in China: A Solution for Restoration of Critical Wetlands and Waterbird Habitats in Coastal Deltaic Systems (Abstract pg. B-2)</p>

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16:50 – 17:10	Dr. Siu Gin CHEUNG (Online Presentation) City University of Hong Kong Title: Beach Cleanup is an Effective Way to Improve the Habitat Quality for Endangered Horseshoe Crabs (Abstract pg. A-3)	Ms. Huizhe HU Mangrove Foundation Title: Communication, Capacity-building, Education, Participation and Awareness (CEPA) Program in Wetland Centers in China (Abstract pg. B-3)
17:10 – 17:30	Dr. Akbar JOHN (Online Presentation) Universiti Sains Malaysia, Malaysia Title: Assessing the Impact of Human Activities on Biodiversity Loss in Southeast Asia (Abstract pg. A-4)	Dr. Steven Arthur LOISELLE (Online Presentation) University of Siena, Italy Title: The Role of Citizen Science in Wetland Monitoring and Management (Abstract pg. B-4)
– End of Day 1 Presentations –		
18:30 – 21:30	Invited Round Table Discussion Forum on “Conservation and Management of Coastal Wetland: Opportunities, Challenges and Way Forward” (for details, please click HERE)	
– End of Day 1 –		

21 April 2023 (Day 2)

Time	Activity
08:45 – 09:00	Registration
<p style="text-align: center;"><i>Presentation Session</i> Session Chair: Dr. Steven XU, Hong Kong Metropolitan University Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629</p>	
09:00 – 09:40	<p>Keynote Speech 3 Prof. Guanghui LIN Tsinghua University and Hainan International Blue Carbon Research Center Title: Coastal Blue Carbon: Challenges and Opportunities for Research, Monitoring and Trades (Abstract pg. K-3)</p>
09:40 – 10:20	<p>Keynote Speech 4 Prof. Brian FRY (Online Presentation) Australian Rivers Institute, Griffith University, Australia Title: Using Chemical Technology to Probe Mangrove Ecosystem Complexity (Abstract pg. K-4)</p>
10:20 – 10:40	Tea and Coffee
10:40 – 11:20	<p>Keynote Speech 5 Prof. Joe S.Y. LEE The Chinese University of Hong Kong, Hong Kong and Griffith University, Queensland, Australia Title: Harnessing the Ecosystem Services of Coastal Wetlands Through Science-based Management (Abstract pg. K-5)</p>

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<i>Parallel Presentation Sessions</i>		
	Session C Session Chair: Dr. Emily WONG, Hong Kong Metropolitan University Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629	Session D Session Chair: Dr. Ka Tik CHEUNG, Hong Kong Metropolitan University Venue: E0311 Zoom link: https://hkmu.zoom.us/j/91578900601
11:20 – 11:40	Prof. Xiaoguang OUYANG Southern Marine Science and Engineering, Guangdong Laboratory (Guangzhou) Title: Fate and Effects of Macro- and Microplastics in Coastal Wetlands (Abstract pg. C-1)	Prof. Guangping ZHANG Beibu Gulf University Title: Raft Identification and Biomass Assessment of Oyster Culture Based on Machine Learning (Abstract pg. D-1)
11:40 – 12:00	Prof. Luzhen CHEN (Online Presentation) Xiamen University Title: Mangroves as a Nature-based Solution to Climatic Change Mitigation: Research and Application (Abstract pg. C-2)	Mr. Tom CHAN The Nature Conservancy Hong Kong Title: The Nature Conservancy's (TNC) Community and Ecosystem Approaches to Restore the Endangered Oyster Reef and Ecologically Important Habitats in Pak Nai (Abstract pg. D-2)
12:00 – 12:20	Dr. Lishan TAN (Online Presentation) The Chinese University of Hong Kong Title: Impacts of Land-Use Change on Organic Carbon Dynamics in China's Coastal Wetlands (Abstract pg. C-3)	Dr. Juan Carlos ASTUDILLO Hong Kong Metropolitan University Title: Assessing the Marine Biodiversity of Lung Mei and Ting Kok After the Construction of an Artificial Beach (Abstract pg. D-3)
12:20 – 12:40		Mr. Sreebin P (Online Presentation) Bharathiar University Title: Fish Diversity, Fishery and Conservation of Less Explored Small Estuarine Habitat in Kerala - Through the Perceptive of Fisherman Community, Western Ghats, India (Abstract pg. D-4)
12:40 – 14:00	Lunch	

<i>Parallel Presentation Sessions</i>		
	Session E Session Chair: Dr. Emily WONG, Hong Kong Metropolitan University Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629	Session F Session Chair: Dr. Andy CHEUNG, Hong Kong Metropolitan University Venue: E0311 Zoom link: https://hkmu.zoom.us/j/91578900601
14:00 – 14:20	Prof. Guangcheng CHEN (Online Presentation) Third Institute of Oceanography Title: Impacts of Mariculture Wastewater Discharge on Mangrove Processes	Prof. Billy K.Y. KWAN Beibu Gulf University Title: Habitat Distribution and Connectivity for Asian Horseshoe Crabs in Mangrove Wetlands of Northern Beibu Gulf, China: Recommendations for Conservation Management (Abstract pg. F-1)
14:20 – 14:40	Dr. Haichao ZHOU Shenzhen University Title: How Many Mangroves Do We Need? Thinking from the Case of Shenzhen	Dr. Chun-chieh WANG Guangxi Academy of Sciences Title: Bycatch of Asian Horseshoe Crabs in Intertidal Zones of the Northern Beibu Gulf, Guangxi: Suggestions for Conservation Management (Abstract pg. F-2)
14:40 – 15:00	Dr. Varsha BOHRA Hong Kong Metropolitan University Title: Microbial Communities in Mangrove Ecosystem Differs by Intertidal Location and Microhabitat of Pneumatophores (Abstract pg. E-3)	Dr. Xueqin GAO The University of Hong Kong Title: Implications of Nitrogen Enrichment for the Biogeochemical Role of Sesarmid Crabs in Tropical Mangrove Ecosystems (Abstract pg. F-3)
15:00 – 15:20	Dr. Qiong YANG Guangdong Neilingding Futian National Nature Reserve Title: The Practical Experience of Conservation and Restoration in Shenzhen Bay, South China (Abstract pg. E-4)	Ms. Cheuk Yiu CHEUNG Hong Kong Marine Ecological Association Title: Juvenile Fish Communities in Coastal Soft-bottom and Shallow Water Habitats at the Tolo Harbour and Channel in Hong Kong, South China (Abstract pg. F-4)
15:20 – 15:40	Mr. Yamme LEUNG WWF-Hong Kong Title: The Role of Education in Conservation and Sustainable Use of Wetland, a Case Study of Mai Po Nature Reserve (Abstract pg. E-5)	Mr. Yat-tung YU The Hong Kong Bird Watching Society Title: Revealing Population Trends of Deep Bay Wintering Waterbirds and Use of Movement Data Studying Waterbird Habitat Uses (Abstract pg. F-5)

21 April 2023 (Day 2)

15:40 – 16:00	Tea and Coffee		
<i>Parallel Presentation Sessions</i>			
Session G Session Chair: Dr. Andy CHEUNG, Hong Kong Metropolitan University Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629		Session H Session Chair: Dr. Juan Carlos ASTUDILLO, Hong Kong Metropolitan University Venue: E0311 Zoom link: https://hkmu.zoom.us/j/91578900601	
16:00 – 16:20	Ms. Yue MENG (Online Presentation) Xiamen University Title: Coastal Blue Carbon as an Effective Climate Response: Progress in the Development of Blue Carbon Projects in the Global Carbon Market (Abstract pg. G-1)	16:00 – 16:10*	Mr. Yuet-tung TSE Hong Kong Metropolitan University Title: Full Size Microplastics Pollution Survey to the Costal Marine Waters of Hong Kong (Abstract pg. H-1)
		16:10 – 16:20*	Mr. Jialin ZHANG (Online Presentation) Xiamen University Title: The Surface Elevation Changes of Salt Marshes and Vulnerability to Sea-level Rise (Abstract pg. H-2)
16:20 – 16:40	Dr. Jeffrey CHOW The Hong Kong University of Science and Technology Title: Econometric Evaluation of Local Ecosystem Services from Mangrove Plantations in Bangladesh (Abstract pg. G-2)	16:20 – 16:30*	Mr. Zhaobin LI Hong Kong Metropolitan University Title: The Impact of Urban Development on Wetland Conservation (Abstract pg. H-3)
		16:30 – 16:40*	Ms. Ho-tun NG The University of Hong Kong Title: Assessing the Effect of Heavy Metal Pollution on Seagrass Microbiomes in Highly Urbanized Areas: Tools for Monitoring and Restoring Seagrasses in Hong Kong (Abstract pg. H-4)

* denotes student presentation

21 April 2023 (Day 2)

16:40 – 17:00	<p>Dr. Zhenjun KANG Beibu Gulf University Title: Current Situation of Mangrove Resources in Guangxi and its Protection Countermeasures (Abstract pg. G-3)</p>	16:40 – 16:50*	<p>Ms. Kit Ling LAM Hong Kong Metropolitan University Title: The Distribution and Abundance of Antibiotics and Heavy Metals in Mangrove Sediments and Their Effect on Sediment Microbial Composition and Diversity (Abstract pg. H-5)</p>
		16:50 – 17:00*	<p>Mr. Hewei ZHAO The Chinese University of Hong Kong Title: Magnitude and Controls of Stem Methane Fluxes in a Subtropical Mangrove Ecosystem in Hong Kong (Abstract pg. H-6)</p>
17:00 – 17:20	<p>Dr. Juan Diego GAITAN-ESPITIA The University of Hong Kong Title: Restoring Ecological Connectivity of Seagrasses and Coastal Wetlands to Enhance Ecosystem Services (Abstract pg. G-4)</p>	17:00 – 17:10*	<p>Mr. Kaze LAI Hong Kong Metropolitan University Title: Establishment of Sample Preparation Workflow for Metataxonomic Analysis of Epiphytic Bacteria on Pneumatophores (Abstract pg. H-7)</p>
		17:10 – 17:20*	<p>Ms. Mingdang LI Shenzhen University Title: Effects of Different Sea Level Height on the Growth of Rhizophora Stylosa Seedlings (Abstract pg. H-8)</p>
17:20 – 17:40	<p>Dr. Karen TAGULAO The University of Saint Joseph Title: Mangroves as a Nature-based Solution for Water and Climate Change Challenges in Macao SAR: From Research to Education (Abstract pg. G-5)</p>	17:20 – 17:30*	<p>Ms. Ka Wai CHAN Hong Kong Metropolitan University Title: Comparison of Pneumatophore Characteristics and Epiphytic Microalgae between Two Distinct Mangrove Wetlands in Hong Kong (Abstract pg. H-9)</p>
17:40 – 17:45	Break	17:30 – 17:45	Student Presentation Q&A Session
17:45 – 18:00	<p>Closing Remarks and Student Award Presentation Venue: D0309 Zoom link: https://hkmu.zoom.us/j/92899508629</p>		
– End of Day 2 –			

* denotes student presentation

22 April 2023 (Day 3)

Time	Activity
09:00 – 17:00	Eco-tour to a Local Mangrove (for details, please click HERE)