

Taiwan International Conference on Ocean Governance 2023 Agenda

Date : May 25, 2023

Time	Agenda		
09 : 00 ~ 09 : 30	Registration		
09 : 30 ~ 09 : 50	Opening Ceremony 1、Branch Chief Thomas Wong, AIT Kaohsiung Branch Office 2、Principal Ching-Yu Yang, National Kaohsiung University of Science and Technology 3、Minister Bi Ling Kuan, Ocean Affairs Council		
09 : 50 ~ 10 : 30	Keynote Speech Deputy Secretary-General of Taiwan Society of International Law Dr. Ting-Hui Lin The Prospects and Challenges of Taiwan-US Maritime Cooperation		
10 : 30 ~ 10 : 40	Coffee Break		
10 : 40 ~ 12 : 30	Panel Discussion I Moderator: Director, Dr. Chia-Dai Yen Marine Education	Panel Discussion II Moderator: Professor, Dr. Ta Kang Liu Marine Science & Technology	Panel Discussion III Moderator: Director, Dr. Chih-Wei Chang Ocean conservation
12 : 30 ~ 13 : 30	Lunch Break		
13 : 30 ~ 15 : 20	Panel Discussion IV Moderator: Associate Professor, Dr. Chi-Ting Tsai Maritime Safety & Security	Panel Discussion V Moderator: Honorary Professor, Dr. Forng-Chen Chiu Ocean Engineering	Panel Discussion VI Moderator: Professor Dr. Chung Ling Chen Marine Industry
15 : 20 ~ 15 : 30	Coffee Break		
15 : 30 ~ 16 : 00	Closing Ceremony		

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10 : 40 ~ 12 : 30	Panel Discussion I Marine Education Moderator: Director, Dr. Chia-Dai Yen 1. Bilingual Marine Education Promotion Approach and Teaching Strategies – An Example of SOP Teaching Method in Action Research. (Taiwan, R.O.C.) 2. The Study on Design Marine Education Curriculum of an Adventure Education Instructor. (Taiwan, R.O.C.) 3. The Marine Education Curriculum in Penghu County. (Taiwan, R.O.C.) 4. Real and virtual marine experience to aquaphobia, ocean literacy, and marine environmental attitude. (Taiwan, R.O.C.) 5. Marine experiential learning course on marine environmental awareness, ocean stewardship and pro-environmental behavior of school students. (Taiwan, R.O.C.) 6. Marine education in Taiwan. (Taiwan, R.O.C.)
10 : 40 ~ 12 : 30	Panel Discussion II Marine Science & Technology Moderator: Professor, Dr. Ta Kang Liu 1. Modeling pollution impacts on plankton ecology and biogeochemistry using rigorous in situ time-series data. (Philippines, Malaysia, Taiwan, R.O.C.) 2. Recycling Pumice Waste as a Low-cost Swine Wastewater Filter System and Its Remedial Effects. (Taiwan, R.O.C.) 3. Thraustochytrid (<i>Aurantiochytrium</i> sp.): The potential emerging platform for high-value Omega-PUFA. (India, Taiwan, R.O.C.) 4. Developing a Low-Cost Microplastic Screening Station using Homemade Microfluidic Devices and Computer Vision for STEM Education in Secondary Schools. (Taiwan, R.O.C.) 5. Optimize the co-culture condition of <i>Chlorella sorokiniana</i> and <i>Komagataeibacter europaeus</i>. (India, Taiwan, R.O.C.) 6. Cost-effective extraction of proteins from red algae (<i>Porphyra yezoensis</i>) using various physical methods. (India, Taiwan, R.O.C.)

10 : 40 ~12 : 30	Panel Discussion III Ocean conservation Moderator: Director, Dr. Chih-Wei Chang 1. Accessing Cetacean Diversity from 20 Years of Citizen Science Data. (Taiwan, R.O.C.) 2. Exploring the efficacy of university-driven partnerships in addressing ghost gear pollution: Lessons from Penghu Islands, Taiwan. (Taiwan, R.O.C.) 3. Protecting marine resources and practicing sustainable fisheries. (Taiwan, R.O.C.) 4. Efficiency of Miracle Hole as Fish Aggregating Device in Mangrove Ecosystems. (Philippines) 5. Spatial and Temporal Distributions of Juvenile <i>Tachypleus tridentatus</i> in Kinmen, Taiwan. (Philippines) 6. Development of mangrove nursery protocol in various substrates with notes on the early development of <i>Avicennia marina</i> and <i>Bruguiera cylindrica</i>. (Taiwan, R.O.C.)
13 : 30 ~15 : 20	Panel Discussion IV Maritime Safety & Security Moderator: Associate Professor, Dr. Chi-Ting Tsai 1. Practical Application of Marine Environmental Monitoring in Taiwan. (Taiwan, R.O.C.) 2. Beyond Border-Keepers: The Evolving Roles of East Asian Coast Guards. (United Kingdom) 3. Indonesia's Political and Economic Interests as A Non Claimant State in the South China Sea Dispute. (Indonesia) 4. Development of a Maritime Emergency Management Training Course. (Thailand) 5. Promoting Maritime Domain Awareness & Marching Forward to Our Ocean Era. (Taiwan, R.O.C.) 6. Using Emerging Technology to Improve Law Enforcement Efficiency of Marine Protected Areas in Taiwan—Lessons Learned from Belize. (Taiwan, R.O.C.)
13 : 30 ~15 : 20	Panel Discussion V Ocean Engineering Moderator: Honorary Professor, Dr. Forng-Chen Chiu 1. Generalized simple model for predicting the modulus degradation and strain accumulation of sand subject long-term undrained cyclic loading. (Taiwan, R.O.C.) 2. The Development and Prospect of O-RAN Integrated LEO Satellite Communication System for Marine Vessel. (Taiwan, R.O.C.)

	3. Microplasma Engineering of Photothermal Water Nanogenerators with Porous Graphene Quantum Dot-MXene Nanocomposites by Membrane Seawater Distillation. (Taiwan, R.O.C.) 4. How Governments Can Make Offshore Wind Power Developers Willing to Take Responsibility for Marine Pollution Compensation Explored by Game Theory. (Taiwan, R.O.C.)
13 : 30 ~ 15 : 20	Panel Discussion VI Marine Industry Moderator: Professor, Dr. Chung Ling Chen 1. Sustainable Coastal Zone Management in Bangladesh: A Blue Economy Perspective through Remote Sensing data. (USA, Bangladesh) 2. Insights into the impact of R&D investment, oil price, and exchange rate on port productivity: Case in Taiwan. (Vietnam, Taiwan, R.O.C.) 3. Research on sustainable fish-eating cognition and consumption behavior prompted by sustainable aquaculture industry education. (Taiwan, R.O.C.) 4. Bioprocess development to enhance biomass and astaxanthin production from <i>Chlorella zofingiensis</i>. (India, Taiwan, R.O.C.) 5. The Baltic Dry Index Prediction Using Neural Network Approaches. (Vietnam, Taiwan, R.O.C.) 6. Value Chain Analysis of High-Valued Dried Fish Products in Sagay City, Negros Occidental, the Philippines. (Philippines)