

2025 Taiwan–Poland Symposium on Marine Science

November 3, 2025 (Monday)

2nd Auditorium(NTOU)

10:00-10:30	Registration
10:30-11:00	Opening Remarks NSTC Representative (Taiwan) Polish Representative Vice President Prof. Cheng-Yu Ku, National Taiwan Ocean University
11:00-11:10	Photo time
Session: Keynote Speech	
11:10-11:40	Polish Ambassador to Taiwan (pending confirmation)
11:40-12:10	Academician, Prof. Chen-Tung Arthur Chen (陳鎮東 院士), National Sun Yat-sen University Carbon and nutrients in Submarine Groundwater Discharge around Taiwan and Svalbard.
12:10-13:10	Lunch
Session: Smart Ocean Observation under Climate Change	
13:10-13:30	Distinguished Prof. Sen Jan (詹森 特聘教授), National Taiwan University A Quarter Century of Advancements in Oceanographic Research and Smart Observations in Taiwan
13:30-13:50	Prof. Tymon Zielinski, Polish Academy of Sciences Ocean role in the climate system with focus on coastal areas. The most recent findings based on the UN World Ocean Assessment III.
Session: Coastal Spatial Planning and Resilience	
13:50-14:10	Director Hsiao-Yun Lu (陸曉筠 署長), Ocean Conservation Administration Rethinking Marine Spatial Resilience through the Lens of Marine Pollution Emergency Response.
14:10-14:30	Prof. Jacek Zaucha, University of Gdansk Coastal Defense in Polish marine spatial planning.
14:30-14:50	Coffee Break
14:50-15:10	Prof. Wei-Po Huang (黃偉柏 教授), National Taiwan Ocean University Coastal Risk Management in the Face of Climate Change: Sharing Practical Experiences from Taiwan.
15:10-15:30	Dr Tomasz Kijewski, Polish Academy of Sciences eCUDO.pl -Integrated Marine Data Infrastructure for Sustainable Coastal Management: Science and Engineering Together for Coastal Resilience.
15:30-16:30	Discussion
16:30-17:30	Campus Tour

09:00-09:30	Registration
Session : Marine Engineering and Renewable Energy	
09:30-09:50	Chair Prof. Tai-Wen Hsu (許泰文 校長), National Taiwan Ocean University Resilient Coastal Protection under Climate Change: Sustainable Challenges and Opportunities of Land Reclamation.
09:50-10:10	Dr. Piotr Szmytkiewicz, Polish Academy of Sciences Engineering Challenges in Ports, Coastal Protection and Wastewater Management in the Era of Climate Change.
10:10-10:30	Prof. Kai-Tung Ma (馬開東 教授, 玉山學者), National Taiwan University Designing Floating Wind Turbines for Taiwan - Leveraging Experience from Oil & Gas Industry
10:30-10:50	Coffee Break
10:50-11:10	Prof. Adam Szymkiewicz, Gdańsk University of Technology Development of modeling tools for Polish coastal groundwater systems.
Session: Marine Blue Carbon and Climate Mitigation	
11:10-11:30	Distinguished Prof. Ching-Chang Hung (洪慶章 特聘教授), National Sun Yat-sen University Marine Blue Carbon Pathways: Seaweed's Role in Climate Mitigation and Coastal Resilience
11:30-11:50	Distinguished Prof. Wen-Chen Chou (周文臣 特聘教授), National Taiwan Ocean University Broadening Blue Carbon Assessments in Seagrass Meadows: the overlooked Role of Alkalinity
11:50-13:20	Lunch
Session: Marine Ecology and Pollution	
13:20-13:40	Prof. An-Yi Tsai (蔡安益 院長), National Taiwan Ocean University The differing roles of viral lysis and flagellate grazing in regulating bacterial populations in the coastal waters of the Baltic Sea and the Pacific Ocean.
13:40-14:00	Asst. Prof. Natalia Szymańska, Polish Academy of Sciences Studying Marine Microorganisms to Understand the Impacts of Environmental and Climatic Changes in the Coastal Regions.
14:00-14:20	Assoc. Prof. Ruei-Feng Shiu (許瑞峯 副教授), National Taiwan Ocean University Fate of missing micro-/nano-plastics in the ocean
14:20-14:50	Coffee Break
14:50-15:10	Distinguished Prof. Chih-Hao Hsieh (謝志豪 特聘教授), National Taiwan University Marine ECOsystem dynamics with Hi-frequency time series Monitoring and Analysis (EcoHiMA)- Research opportunity and challenges.

15:10-16:10	Discussion
16:10-17:30	Campus Tour