

## 海洋委員會 函

地址：高雄市前鎮區成功二路25號4樓  
聯絡人：林麗英  
聯絡電話：07-3381810 #261302  
傳真電話：07-3380927  
電子郵件：lli8689@oac.gov.tw

受文者：國立成功大學附設高級工業職業進修學校

發文日期：中華民國112年4月24日

發文字號：海國字第1120004317號

速別：普通件

密等及解密條件或保密期限：

附件：(11206P000283\_1120004317\_112D2003717-01.jpg、  
11206P000283\_1120004317\_112D2003718-01.pdf)

主旨：本會、國家發展委員會及美國在台協會高雄分處（AIT/K）國際合作舉辦「2023臺灣海洋治理國際研討會」，請惠予協助廣為宣傳，並鼓勵所屬同仁、師生於112年5月10日（星期三）前踴躍報名參加，請查照。

說明：

- 一、為積極推動2030雙語政策，以加速推動高等教育雙語化，扣合「國家海洋政策白皮書」施政目標，以永續為核心，「建構生態、安全、繁榮的永續海洋國家」為願景，達成「建構區域戰略思維，保衛海域主權權益」、「落實海域執法作為，促進區域安全合作」、「維護海洋生態健康，優化海洋環境品質」、「確立產業發展目標，促進藍色產業升級」、「型塑全民親海風氣，培養海洋國家思維」與「孕育科學發展動能，厚植學術研究能量」等6大政策目標，特舉辦旨揭國際研討會。
- 二、旨揭國際研討會訂於本（112）年5月25日（星期四），假國立高雄科技大學楠梓校區致遠樓5樓多功能會議室（高雄市

楠梓區海專路142號)舉辦。

### 三、旨揭國際研討會資訊如下：

- (一)時間：112年5月25日(星期四)上午9時至下午16時。
- (二)地點：國立高雄科技大學楠梓校區致遠樓5樓多功能會議室(高雄市楠梓區海專路142號)。
- (三)報名期間：即日起至112年5月10日(星期三)。
- (四)報名網址：<https://ticog2023.nkust.edu.tw/p/423-1154-1722.php>。
- (五)請貴機關核予報名參加同仁、師生112年5月25日(星期四)公假1日。
- (六)本國際研討會提供全程參加公務人員「公務人員學習時數」。
- (七)本活動將提供給全程參加人員「國際研討會參加證明」。

### 四、其他事項：

- (一)為響應環保，請自行攜帶環保餐具、環保杯。
- (二)旨揭國際研討會全程以英文進行。
- (三)為配合新型冠狀病毒肺炎疫情防疫，參加人員請配合本活動各項防疫措施，建議配戴口罩參加。
- (四)為落實性別主流化政策，促進各性別參與海洋事務，請鼓勵各性別踴躍參與。
- (五)本活動報名以英文論文投稿作者優先，活動名額有限，額滿為止。為避免國際研討會資源浪費，如報名人員無法全程參加活動，請勿報名。

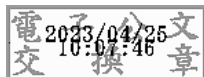
### 五、檢附本活動議程及海報電子檔各1份，海報紙本另寄。如有

相關疑義，請逕洽海洋委員會國際發展處林麗英副處長  
(聯絡電話：07-3381810轉261302)。

六、請協助將本活動報名訊息、議程、海報電子檔(如附件)上傳貴機關(貴校)網站公告訊息，以廣為宣傳周知。

正本：中央各部會機關、地方政府各機關、海洋企業及協會、本會海巡署各分署、本會各署研究院、各公立大專校院、各私立大專校院、高中職學校

副本：



裝

訂

線



# **Taiwan International Conference on Ocean Governance 2023 Agenda**

Date : May 25, 2023

Time	Agenda		
09 : 00 ~ 09 : 30	Registration		
09 : 30 ~ 09 : 50	<b>Opening Ceremony</b> 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	<b>Keynote Speech</b> 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	<b>Panel Discussion I</b> Moderator: Director, Dr. Chia-Dai Yen Marine Education	<b>Panel Discussion II</b> Moderator: Professor, Dr. Ta Kang Liu Marine Science & Technology	<b>Panel Discussion III</b> Moderator: Director, Dr. Chih-Wei Chang Ocean conservation
12 : 30 ~ 13 : 30	Lunch Break		
13 : 30 ~ 15 : 20	<b>Panel Discussion IV</b> Moderator: Associate Professor, Dr. Chi-Ting Tsai Maritime Safety & Security	<b>Panel Discussion V</b> Moderator: Honorary Professor, Dr. Forng-Chen Chiu Ocean Engineering	<b>Panel Discussion VI</b> Moderator: Professor Dr. Chung Ling Chen Marine Industry
15 : 20 ~ 15 : 30	Coffee Break		
15 : 30 ~ 16 : 00	Closing Ceremony		

Time	Agenda
10 : 40 ~12 : 30	<p style="text-align: center;"><b>Panel Discussion I Marine Education</b> <b>Moderator: Director, Dr. Chia-Dai Yen</b></p> <ol style="list-style-type: none"> <li>1. Bilingual Marine Education Promotion Approach and Teaching Strategies – An Example of SOP Teaching Method in Action Research. (Taiwan, R.O.C.)</li> <li>2. The Study on Design Marine Education Curriculum of an Adventure Education Instructor. (Taiwan, R.O.C.)</li> <li>3. The Marine Education Curriculum in Penghu County. (Taiwan, R.O.C.)</li> <li>4. Real and virtual marine experience to aquaphobia, ocean literacy, and marine environmental attitude. (Taiwan, R.O.C.)</li> <li>5. Marine experiential learning course on marine environmental awareness, ocean stewardship and pro-environmental behavior of school students. (Taiwan, R.O.C.)</li> <li>6. Marine education in Taiwan. (Taiwan, R.O.C.)</li> </ol>
10 : 40 ~12 : 30	<p style="text-align: center;"><b>Panel Discussion II Marine Science &amp; Technology</b> <b>Moderator: Professor, Dr. Ta Kang Liu</b></p> <ol style="list-style-type: none"> <li>1. Modeling pollution impacts on plankton ecology and biogeochemistry using rigorous in situ time-series data. (Philippines, Malaysia, Taiwan, R.O.C.)</li> <li>2. Recycling Pumice Waste as a Low-cost Swine Wastewater Filter System and Its Remedial Effects. (Taiwan, R.O.C.)</li> <li>3. Thraustochytrid (<i>Aurantiochytrium</i> sp.): The potential emerging platform for high-value Omega-PUFA. (India, Taiwan, R.O.C.)</li> <li>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.)</li> <li>5. Optimize the co-culture condition of <i>Chlorella sorokiniana</i> and <i>Komagataeibacter europaeus</i>. (India, Taiwan, R.O.C.)</li> <li>6. Cost-effective extraction of proteins from red algae (<i>Porphyra yezoensis</i>) using various physical methods. (India, Taiwan, R.O.C.)</li> </ol>

<p>10 : 40 ~12 : 30</p>	<p style="text-align: center;"><b>Panel Discussion III Ocean conservation</b> <b>Moderator: Director, Dr. Chih-Wei Chang</b></p> <ol style="list-style-type: none"> <li>1. Accessing Cetacean Diversity from 20 Years of Citizen Science Data. (Taiwan, R.O.C.)</li> <li>2. Exploring the efficacy of university-driven partnerships in addressing ghost gear pollution: Lessons from Penghu Islands, Taiwan. (Taiwan, R.O.C.)</li> <li>3. Protecting marine resources and practicing sustainable fisheries. (Taiwan, R.O.C.)</li> <li>4. Efficiency of Miracle Hole as Fish Aggregating Device in Mangrove Ecosystems. (Philippines)</li> <li>5. Spatial and Temporal Distributions of Juvenile <i>Tachypleus tridentatus</i> in Kinmen, Taiwan. (Philippines)</li> <li>6. Development of mangrove nursery protocol in various substrates with notes on the early development of <i>Avicennia marina</i> and <i>Bruguiera cylindrical</i>. (Taiwan, R.O.C.)</li> </ol>
<p>13 : 30 ~15 : 20</p>	<p style="text-align: center;"><b>Panel Discussion IV Maritime Safety &amp; Security</b> <b>Moderator: Associate Professor, Dr. Chi-Ting Tsai</b></p> <ol style="list-style-type: none"> <li>1. Practical Application of Marine Environmental Monitoring in Taiwan. (Taiwan, R.O.C.)</li> <li>2. Beyond Border-Keepers: The Evolving Roles of East Asian Coast Guards. (United Kingdom)</li> <li>3. Indonesia's Political and Economic Interests as A Non Claimant State in the South China Sea Dispute. (Indonesia)</li> <li>4. Development of a Maritime Emergency Management Training Course. (Thailand)</li> <li>5. Promoting Maritime Domain Awareness &amp; Marching Forward to Our Ocean Era. (Taiwan, R.O.C.)</li> <li>6. Using Emerging Technology to Improve Law Enforcement Efficiency of Marine Protected Areas in Taiwan—Lessons Learned from Belize. (Taiwan, R.O.C.)</li> </ol>
<p>13 : 30 ~15 : 20</p>	<p style="text-align: center;"><b>Panel Discussion V Ocean Engineering</b> <b>Moderator: Honorary Professor, Dr. Forng-Chen Chiu</b></p> <ol style="list-style-type: none"> <li>1. Generalized simple model for predicting the modulus degradation and strain accumulation of sand subject long-term undrained cyclic loading. (Taiwan, R.O.C.)</li> <li>2. The Development and Prospect of O-RAN Integrated LEO Satellite Communication System for Marine Vessel. (Taiwan, R.O.C.)</li> </ol>

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

# TICOG 2023臺灣海洋治理國際研討會

## Taiwan International Conference on Ocean Governance 2023

活動日期 May 25<sup>th</sup>, 2023 地點

國立高雄科技大學 楠梓校區 致遠樓五樓多功能會議室

(高雄市楠梓區海專路142號)

In the Chih-Yuan Building of the Nanzih campus, National Kaohsiung University of Science and Technology (No.142, Haihuan Rd., Nanzih Dist., Kaohsiung City)

時間 Time	議程 Agenda			
09:00 - 09:30	報到 Registration			
09:30 - 09:50	開幕儀式 Opening Ceremony			
09:50 - 10:30	專題演講 Keynote Speech			
10:30 - 10:40	茶憩時間 Coffee Break			
10:40 - 12:30	<table border="1"> <tr> <td>Panel Discussion I Marine Education</td> <td>Panel Discussion II Marine Science &amp; Technology</td> <td>Panel Discussion III Ocean Conservation</td> </tr> </table>	Panel Discussion I Marine Education	Panel Discussion II Marine Science & Technology	Panel Discussion III Ocean Conservation
Panel Discussion I Marine Education	Panel Discussion II Marine Science & Technology	Panel Discussion III Ocean Conservation		
12:30 - 13:30	午餐 Lunch Break			
13:30 - 15:20	<table border="1"> <tr> <td>Panel Discussion IV Maritime Safety &amp; Security</td> <td>Panel Discussion V Ocean Engineering</td> <td>Panel Discussion VI Marine Industry</td> </tr> </table>	Panel Discussion IV Maritime Safety & Security	Panel Discussion V Ocean Engineering	Panel Discussion VI Marine Industry
Panel Discussion IV Maritime Safety & Security	Panel Discussion V Ocean Engineering	Panel Discussion VI Marine Industry		
15:20 - 15:30	茶憩時間 Coffee Break			
15:30 - 16:00	閉幕式 Closing Ceremony			



### Keynote Speech

**Dr. Ting-Hui Lin**

Deputy Secretary, Taiwan Society of International Law



### Keynote Speech

**Mr. Gregory B. Poling**

Senior Fellow & Director of Center For Strategic & International Studies (CSIS), USA

### Panel Discussion I Marine Education

**Dr. Chia-Dai Yen**

Associate Professor, National Taiwan Ocean University  
Director of Planning and Training Center, National Academy of Marine Research



### Panel Discussion II Marine Science & Technology

**Dr. Ta-Kang Liu**

Professor, Institute of Ocean Technology and Marine Affairs,  
Department of Hydraulic and Ocean Engineering, National Cheng Kung University



### Panel Discussion III Ocean Conservation

**Dr. Chih-Wei Chang**

Director, Marine Ecology and Conservation Research Center,  
National Academy of Marine Research



### Panel Discussion IV Maritime Safety & Security

**Dr. Chi-Ting Tsai**

Associate Professor, Department of Political Science, National Taiwan University



### Panel Discussion V Ocean Engineering

**Dr. Forng-Chen Chiu**

Chairman, Ship and Ocean Industries R&D Center (SOIC)  
Professor Emeritus, National Taiwan University



### Panel Discussion VI Marine Industry

**Dr. Chung-Ling Chen**

Professor, Institute of Ocean Technology and Marine Affairs,  
National Cheng Kung University



Organizers



Implementer



報名QR Code

Registration QR Code



海洋委員會