

Program

IMBER DOCTORAL FORUM

Wed. 15 May (UTC+8) 08:30-10:00 [Click to find your local time](#)

Co-Convenors **Ning Zhao and Kai Deng**

Rapporteur **Xiaoyue Wei**

08:30 - 08:33 [Welcome and Introduction](#)

Oral presentations

- | | | |
|---------------|--|---------------|
| 08:33 - 08:45 | Gisèle Flodore Ghepdeu Youbouni | [1-7] |
| | Population dynamics and potential impact of global warming on the sole cubozoan of the coastal region of Kribi-Cameroon, <i>Chimaerus palmaris</i> (Haeckel, 1880) | |
| 08:45 - 08:57 | Sheng Zeng | [DF-1] |
| | Tracing terrigenous material transport in the Yangtze River system: Insights from radionuclide dynamics | |
| 08:57 - 09:09 | Risper Atieno Oteke | [8-2] |
| | Peri urban mangrove forests and adjacent communities perception of the impact of degradation on livelihoods in Tudor Creek, Mombasa, Kenya | |
| 09:09 - 09:21 | Tingli Yan | [DF-3] |
| | How much coral reef dissolution will be caused by ocean acidification? | |
| 09:21 - 09:33 | Miaomiao Zhang | [DF-6] |
| | Seasonal pattern of benthic foraminiferal phosphate storage in coastal tidal flat | |
| 09:33 - 09:45 | Baker Matovu | [3-6] |
| | Empowering Women in the Blue Economy for Ocean Sustainability in the Global South: Key Insights from a Bibliometric Analysis and Coastal Women in Kerala, India | |

Speed-Talk presentations

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|---------------|---|---------------|
| 09:45 - 10:00 | Xintong Jiang | [DF-4] |
| | Seasonal and decadal variations in nutrients and dissolved organic carbon in the lower Huanghe River under drastically changing water-sediment regimes | |
| | Yang Hu | [DF-2] |
| | Saltmarsh plants respond to various hydrodynamic and sedimentary disturbances by modifying their morphological strategies in both aboveground and belowground parts | |
| | Liuting Yuan | [DF-5] |
| | Is submarine groundwater discharge a major pathway of carbon and nutrients into the coastal ocean? | |
| | Yihui Chen | [DF-7] |
| | Accelerated Northward Shift of the North Pacific Transition Zone Chlorophyll Front under Greenhouse Warming | |
| | Xueyang Chen | [DF-8] |
| | Response of Oceanic Front to the Variability of Climate factors and Warming in the Eastern China Seas | |

Poster Session on 13 May and Virtual poster exhibit on Whova app

Dade Song [DF-9]

Advancing Sustainable Fisheries Management: A Modeling Framework for High-Resolution Catch Estimation and Its Coupling with Environmental Drivers—A Case Study of Northern Mauxia Shrimp (*Acetes chinensis*)

Qi Wang [DF-10]

Structure of phytoplankton communities in winter Indonesian Throughflow affected areas in the Eastern Indian Ocean

Peiwu Han [DF-11]

Dynamic responses of key economic species in the Northwestern Pacific to fisheries-induced evolution: A study of different life history strategies

Huachen Gao [DF-12]

Little evidence suggests microplastics negatively impact embryo growth of a viviparous shark *Prionace glauca*

Zhenfang Zhao [DF-13]

A preliminary study on the intestinal carbon sequestration capacity of three economic fish species in the Northwest Pacific