

# Program

## SESSION 8: SYNTHESIZING ECOSYSTEM-SOCIAL INTERACTIONS IN COASTAL SEAS

Wed. 14 May (UTC+8) 10:30 - 12:00 2nd floor Multi Function Room 3

Convenor **Su Mei Liu**

Moderator **Gisèle Flodore Ghepdeu Youbouniepsé Kadjop**

Rapporteur **Rong Bi**

10:30 - 10:35 [Welcome and Introduction](#)

### Oral presentations

<b>10:35 - 10:50</b>	<b>Rong Bi</b> Long-term change patterns of phytoplankton and bacterial community and their interactions in Sanggou Bay	[8-10]
<b>10:50 - 11:05</b>	<b>Siraporn Tong-U-Dom</b> Response of the lower trophic ecosystem in the eastern Seto Inland Sea to changes in nutrient supply from rivers	[8-11]
<b>11:05 - 11:15</b>	<b>Madhuleena Das</b> (online) Mental health and wellbeing in the face of climate uncertainty: A study of Mousuni Island communities	[8-1]
<b>11:15 - 11:25</b>	<b>Huikun Yao</b> Joint effect of aquaculture and land reclamation on sediment dynamics	[8-4]
<b>11:25 - 11:35</b>	<b>Suzhen Yang</b> Study on health evaluation of human-ocean coupling system under climate change and human activities	[8-7]
<b>11:35 - 11:45</b>	<b>Yanhong Xu</b> Phytoplankton community succession in the East China Sea over the past 300 years driven by climate change: Evidence from sterols	[8-12]
<b>11:45 - 11:55</b>	<b>Monalisa R. O. da Silva</b> (online) Do Marine Protected Areas fulfill the expected effects on coastal social-ecological vulnerability? A perspective from Europe and Latin America	[1-15]
<b>11:55 - 12:00</b>	<b>Yanqun Yang</b> Cost-effectiveness optimization method for eutrophication mitigation measures in the Bohai Sea	[8-14]

### Poster Session on 13 May and Virtual Poster Exhibit on Whova App

	<b>Xin Zhao</b> Optimizing rights-based management for global fisheries sustainability: A comparative analysis of use rights	[8-5]
	<b>Longyun Lai</b> Dissolved nitrogen in a tropical river-sea continuum: A seasonal view on the distribution and transformation	[8-8]
	<b>Zihao Feng</b> Impact of sediment release strategies on estuarine dynamics: Analyzing the effect of mud mantling and its implications for sediment management	[8-9]
	<b>Chen Zhong</b> Destabilization of iron-bound organic carbon in coastal sediments under dynamic sedimentary conditions	[8-13]
	<b>Narriman Saleh Jiddawi</b> (online) Women empowerment at the grassroot level along the coast of Zanzibar, Tanzania	[8-3]