

Program

SESSION 8: SYNTHESIZING ECOSYSTEM-SOCIAL INTERACTIONS IN COASTAL SEAS

Wed. 14 May (UTC+8) 10:30-12:00 [Click to find your local time](#)

Convenor **Sumei Liu**

Rapporteur **Rong Bi**

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

Oral presentations

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

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

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