

## Poster presentation schedule

### Day 4, 31 March 2022 (Thursday)

Time	Title. <i>Speaker, affiliation</i>
11:30-11:35	Poster show 1 Optimization Modeling and Mechanism Discussion on Specific Industrial Coal-washing Wastewater Treatment. <i>Yitong Pan</i>
11:35-11:40	Poster show 2 Artificial radionuclides in coral skeletons and implications. <i>Fan Zhang</i>
11:40-11:45	Poster show 3 Climate change: Tackling with carbon sink. <i>Jiajing Liao</i>
11:45-11:50	Poster show 4 Identification of potential priority conservation areas for biodiversity in the Northwest Pacific Ocean based on habitat mapping. <i>Huang Hao</i>
11:50-11:55	Poster show 5 An experimental test of the impact of temperature on pure water absorption coefficient in the NIR domain. <i>Liangfeng Chen</i>
11:55-12:00	Poster show 6 Succession of nitrogen processes along a redox gradient in highly nitrogen-polluted groundwater in Hetao Basin, China. <i>Li-Li Han</i>
12:00-12:05	Poster show 7 Precise measurement of $^{226}\text{Ra}/^{230}\text{Th}$ disequilibria in ocean sediments and porewater by high-sensitivity ICP-MS. <i>Liuting Yuan</i>
12:05-12:10	Poster show 8 A Rapid Method for Directed Gene Knockout in <i>Cyprinus carpio</i> var. <i>wuyuanensis</i> . <i>Mengzhen Yan</i>
12:10-12:15	Poster show 9 Carbon Geochemistry Cycle of Coastal Blue Carbon Ecosystem. <i>Min Zhang</i>
12:15-12:20	Poster show 10 Effects of temperature and different nitrogen sources on <i>Cladocodium goreau</i> . <i>Yulin Huang</i>
12:20-12:25	Poster show 11 Human-induced addition of dissolved black carbon in the Pearl River Estuary, South China. <i>Qinghua Zhang</i>
12:25-12:30	Poster show 12 Seasonal variation and source of organic carbon in aerosols in Xiamen. <i>Ruoyang Zhang</i>
12:30-14:00	Lunch
14:00-14:05	Poster show 13 The Responses of the Biodegradation of Different Dissolved Organic Matter Components to Different Temperatures. <i>Xiaoqian Zhan</i>
14:10-14:15	Poster show 14 Decoupled contributions of mangrove trees and saltmarsh plant to labile and bulk organic carbon in a mangrove system from the Southeast China. <i>Jiachen Li</i>
14:15-14:20	Poster show 15 The role of trypsin in the absorption and utilization of <i>Phaeodactylum tricorutum</i> on N and P nutrients. <i>Xueqiong Sun</i>

14:20-14:25	Poster show 16 Effects of storm events on riverine dissolved organic matter: a review. <i>Ya Wang</i>
14:25-14:30	Poster show 17 Sea surface $p\text{CO}_2$ dynamics in the East China Sea and its controlling processes based on buoy time series observations. <i>Yaohua Luo</i>
14:30-14:35	Poster show 18 Dynamics of Surface $p\text{CO}_2$ and Sea-air $\text{CO}_2$ across the Subtropical to Subarctic Northwest Pacific Ocean. <i>Addey Charles Izuma</i>
14:35-14:40	Poster show 19 Extraction of Dissolved Organic Matter (DOM) from Central Seawater of Northern SCS and Unravelling Structural Complexity of DOM, Particulate OM Using $^{13}\text{C}$ & $^1\text{H}$ NMR Spectroscopy & High-Resolution Mass Spectrometry (Orbitrap-MS). <i>Zhou Zhen-song</i>
14:40-14:45	Poster show 20 Development and application of in situ analyzer for carbon dioxide in seawater. <i>Guocui Sun</i>
14:45-14:50	Poster show 21 The ballast effect of riverine lithogenic matter and its influence on POC fluxes in the ocean. <i>Shasha Li</i>
14:50-14:55	Poster show 22 Genome-wide mining of <i>gpx</i> gene family provides new insights into cadmium stress responses in common carp ( <i>Cyprinus carpio</i> ). <i>Yaguo Xue</i>
14:55-15:00	Poster show 23 Taxonomic studies on the sea slugs of the family Phyllidiidae (Mollusca: Heterobranchia: Nudibranchia) from the Northern Taiwan. <i>Szu-Ju Lai</i>
15:00-15:05	Poster show 24 Climate Impacts on plankton copepoda in the Northeast of Taiwan. <i>Yanguo Wang</i>
15:05-15:10	Poster show 25 Effects of macroalgae <i>Chaetomorpha</i> sp. on the cultivations of calanoid copepod <i>Pseudodiaptomus ishigakiensis</i> . <i>Jr-Siang, Yang</i>
15:10-15:15	Poster show 26 The influence of physical processes on the physical biogeochemical properties of suspended particles along the river-dominated northern South China Sea Shelf. <i>Jay Lee</i>
15:15-15:20	Poster show 27 Structuring Symbiosis: Introducing Mixed Symbiont Communities into Laboratory-Bleached Scleractinian Corals. <i>Róisín Hayden</i>