

**2024 International Conference on the
Cooperation and Integration of Industry,
Education, Research and Application**

**Forum of Environmental Pollution Control and
Exploitation and Protection of Aquatic
Resources**

1. Forum Time

October 23-24, 2024

2. Forum Mode

This conference will be a combination of online and onsite.

3. Forum Theme

Environmental Pollution Control and Exploitation and Protection of
Aquatic Resources

4. Host Organization

Organizer: College of Fisheries, Ocean University of China

5. Agenda Arrangement

the 22nd of October, afternoon

Onsite reporting and Online Meeting Debugging

Location: Sea View Garden Hotel, Qingdao City

14:00-19:00

Register and Check In & Online Meeting Debugging

the 23rd of October, morning	
Location: HaiTian Hotel, Qingdao City	
9:00-10:00	Opening Ceremony
10:00-12:00	Plenary Session
12.00-13.00	Lunch
the 23rd of October, afternoon	
Forum of Environmental Pollution Control and Exploitation and Protection of Aquatic Resources	
Host: Professor Muyan Chen (Ocean University of China)	
13:30-14:00	<p>TOPIC: Leveraging Nonstationary Stock Assessment Models to Uncover Key Ecosystem Indicators</p> <p>SPEAKER: Yan Jiao, Professor Virginia Polytechnic Institute and State University</p>
14:00-14:30	<p>TOPIC: Recent developments and applications of spatiotemporal modelling for fisheries management</p> <p>SPEAKER: Jie Cao, Associate Professor North Carolina State University</p>
14:30-15:00	<p>TOPIC: Incorporating environmental variability to understand ecological and evolutionary responses in changing oceans</p> <p>SPEAKER: Juan Diego Gaitan Espitia, Associate Professor University of Hong Kong</p>
15:00-15:15	Tea/Coffee Break
15:15-15:45	<p>TOPIC: Omics and imaging combinatorial approach reveals butyrate-induced inflammatory effects in the zebrafish gut (online)</p> <p>SPEAKER: Sylvia Brugman, Professor Wageningen University</p>
15:45-16:15	<p>TOPIC: New Insights of Phagocytic B cells and its Involvement in Fish Antimicrobial Immunity (online)</p> <p>SPEAKER: Jun Li, Professor Lake Superior State University</p>
16:15-16:45	<p>TOPIC: Evaluating aquaculture performance and production risks: case of Norwegian salmon aquaculture</p> <p>SPEAKER: Yajie Liu, Associate Professor Arctic University of Norway</p>

the 24th of October, morning	
Global Ocean Summit Forum Location: HaiTian Hotel, Shinan District, Qingdao City	
October 24th, afternoon	
Forum of Environmental Pollution Control and Exploitation and Protection of Aquatic Resources	
Host: Professor Zhishuai Hou, Ocean University of China	
13:30-14:00	TOPIC: Vertebrate neural melanocortin receptors SPEAKER: Yaxiong Tao, Professor
14:20-14:40	TOPIC: HSF1 is essential for fish survival under thermal stress. SPEAKER: Shaojun Du, Professor Maryland University
14:40-15:00	TOPIC: Non-conventional Ingredients for Sustainable Aquaculture SPEAKER: Shouqi Xie, Researcher Institute of hydrobiology, Chinese Academy of Sciences
15:00-15:15	Tea/Coffee Break
15:45-16:15	TOPIC: The status and prospect of Marine fisheries and under global change in China SPEAKER: Xianshi Jin, Researcher Yellow Sea Fisheries Research Institute, Chinese Academy of Sciences
16:15-16:45	TOPIC: Applications of genomic selection for complex economic traits in large yellow croaker SPEAKER: Peng Xu, Professor Xiamen University
16:45-17:15	TOPIC: Research and development of the deeper-offshore submersible aquaculture cage Hexfly SPEAKER: Fukun Gui, Professor Zhejiang Ocean University

6. Contact Information

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College of Fisheries, Ocean University of China is responsible for all related matters of the Forum.

College of Fisheries, Ocean University of China

October 11, 2024