



2021 United Nations Decade
2030 of Ocean Science
for Sustainable Development



PROGRAMME

of the

China – Russia Bilateral Workshop

***Marine Biodiversity and Ecosystems in a
Changing Ocean: toward Sustainable
Development Goals***

Venue:

*Institute of Oceanology, Chinese Academy of Sciences
Meeting Room, 5th floor, Complex Building
October 17–19, 2023, Qingdao, China*



October 16 2023 (Monday)

14:00-17:00 Registration of the foreign participants (Next to the front desk in Huanghai Hotel)

17:00-20:00 Dinner

October 17 2023 (Tuesday)

8:00-9:00. Registration of the Chinese participants and posters placement

9:00-10:00. Opening Session

Chair: Prof. Wang Jianing

9:00-9:10. Opening speech by Director Wang Fan (Institute of Oceanology CAS)

9:10-9:20. Opening speech by Director Igor Dolmatov (National Scientific Center of Marine Biology FEB RAS)

9:20-9:40. Signing Ceremony of China-Russia Joint Lab MOU

9:40-10:00 Group photo and Coffee break

10:00-12:00. Plenary Talk Session

Chair: Dr. Konstantin A. Lutaenko

10:00-10:30. Director Wang Fan

Introduction of IOCAS

10:30-11:00. Director Igor Yu. Dolmatov:

NSCMB FEB RAS: present and future

11:00-11:30. Prof. Sun Song:

Ocean health and sustainability: actions in China

11:30-12:00. Prof. Andrey V. Adrianov:

Deep-water Ecosystems in the North-West Pacific

12:00-14:00. Lunch

14:00-17:00 Session A. Dynamics of Biodiversity in Changing Ocean

Chair: Prof. Sun Xiaoxia

14:00-14:20. Olga G. Shevchenko:

Primorsky Aquarium – Branch of the National Scientific Center of Marine Biology, Far Eastern Branch of the Russian Academy of Sciences (NSCMB FEB RAS)

14:20-14:40. Xu Kuidong:

Diversity and distribution of seamount megabenthos in the northwestern central Pacific

14:40-15:00. Tatiana Orlova:

Global environmental changes and possible effects on microalgae communities with emphasis on toxic species on the Russian east coast

15:00-15:20. Yu Rencheng:

Paralytic shellfish toxins produced by dinoflagellate *Gymnodinium catenatum* and their biokinetics in marine bivalves

15:20-15:40. Coffee break

Chair: Dr. Tatiana Orlova

15:40-16:00. Konstantin A. Lutaenko:

Environmental and climatic changes and their impact on mollusks in the Sea of Japan and adjacent areas: composition, abundance and distribution

16:00-16:20. Zhang Wuchang:

Subtropical brackish tintinnid community temporally organized by temperature preference and LOD class-size

16:20-16:40. Olga A. Golovan:

Hidden diversity: discovery of an association of parasitic and hyperparasitic isopods (Crustacea: *Isopoda Epicaridea*) from a king crab *Lithodes aequispinus* Benedict, 1895 in the Bering Sea, the North Pacific

16:40-17:00. Elena M. Sayenko:

A comparison of the sensory and nervous systems in the larvae of the marine and freshwater bivalves

17:00-20:00 Dinner

October 18 2023 (Wednesday)

9:00-12:00. Session B. Ecological Safety and Ecosystem Health

Chair: Prof. Zhang Junlong

9:00-9:20. Tatiana N. Dautova:

Corals as an indicator of the vulnerable marine ecosystems — state of knowledge and perspectives

9:20-9:40. Guo Jie:

Prediction and verification of hypoxia in central Bohai Sea in 2022

9:40-10:00. Vyacheslav S. Odintsov:

Degradation of plastics in marine habitats, studied using Raman microspectroscopy

and atomic force microscopy (AFM)

10:00-10:20. Sun Xiaoxia:

Microplastics distribution in Jiaozhou Bay and suggestions for mitigation

10:20-10:40 Coffee break

Chair: Dr. Tatiana N. Dautova

10:40-11:00. Anastassia S. Maiorova:

Sipunculans, the worms of the every Ocean

11:00-11:20. Vasily I. Radashevsky:

Shell-boring worms – a problem in marine aquaculture

11:20-11:40. Guo Shujin:

Long-term changes in the phytoplankton community structure and their underlying drivers in the past decades in the southern Yellow Sea, China

11:40-12:00. Tatyana V. Nikulina

Algological studies of brackish waters (river estuaries, lagoon-type lakes) of the Russian Far East

12:00-14:00. Lunch

14:00-17:00. TOUR IN IOCAS (Historical Exhibition Hall, Marine Biological Museum, Oceanographic Data Center)

17:00-20:00 Dinner

October 19 2023 (Thursday)

9:00-14:00 Excursion to the new campus of IOCAS and downtown

(Please notify the secretariat whether to join the excursion in advance)

Organizing Committee

CHINA:

Prof. **Wang Fan** (Chair), Director of the Institute of Oceanology, Chinese Academy of Sciences, IEAS Academician, Prof. **Sun Song**, Prof. **Sun Xiaoxia** (Deputy Co-Chair), Prof. **Yu Rencheng**, Prof. **Xu Kuidong**, Prof. **Zhang Junlong**, Dr. **Li Yanwei**

RUSSIA:

Dr. **Igor Yu. Dolmatov**, Director of the A.V. Zhirmunsky National Scientific Center of Marine Biology, Far Eastern Branch of the Russian Academy of Sciences (Co-Chair), RAS Academician, Prof. **Andrey V. Adrianov**, Dr. **Konstantin A. Lutaenko** (Deputy Co-Chair), Dr. **Tatiana Yu. Orlova**, Dr. **Olga G. Shevchenko**, Dr. **Tatiana N. Dautova**

Secretariat

Dr. Zheng Shan

zhengshan@qdio.ac.cn, +86 (532) 82898545

Ms. Yang Fengfan

fengfanyang@qdio.ac.cn, +86 (532) 82898623

Prof. Zhang Junlong

zhangjl@qdio.ac.cn, +86 (532) 82898901

Dr. Li Yanwei

yanweili@qdio.ac.cn, +86 (532) 82898902

Prof. Sun Xiaoxia

xsun@qdio.ac.cn, +86 (532) 82898599

Annex. List of participants:

Andrey V. Adrianov	Academician of RAS, Professor	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Igor Yu. Dolmatov	Director of NSCMB FEB RAS, Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Konstantin A. Lutaenko	Deputy director of NSCMB FEB RAS, Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Tatiana Yu. Orlova	Deputy director of NSCMB FEB RAS, Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Olga Shevchenko	Senior scientist	Primorsky Aquarium- Branch of the FEB RAS
Tatiana N. Dautova	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Viacheslav Odintsov	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Liudmila Dolmatova	Senior scientist	Il'ichev Pacific Oceanological Institute, FEB RAS
Rimma Odintsova	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Vasily Radashevsky	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Anna Ponomareva	Senior scientist	Primorsky Aquarium- Branch of the FEB RAS
Olga A. Golovan	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Anastasiia Maiorova	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Marina Maliutuna	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Ekaterina Ermolenko	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Tatiana Sikorskaia	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Anastasiia Grishina	Senior scientist	A.V. Zhirmunsky National Scientific Center of Marine Biology, FEB RAS
Tatiana V. Nikulina	Senior scientist	Federal Scientific Center of the East Asia Terrestrial Biodiversity, FEB RAS
Elena. M. Sayenko	Senior scientist	Federal Scientific Center of the East Asia Terrestrial Biodiversity, FEB RAS
Igor Rodionov	Senior scientist	Federal Scientific Center of the East Asia Terrestrial Biodiversity, FEB RAS
Wang Fan	Director of IO CAS, Professor	Institute of Oceanology, Chinese Academy of Sciences
Sha Zhongli	Deputy director of IO CAS, Professor	Institute of Oceanology, Chinese Academy of Sciences
Sun Song	Academician of IEAS, Professor	Institute of Oceanology, Chinese Academy of Sciences

Wang Jianing	Assistant Director, Professor	Institute of Oceanology, Chinese Academy of Sciences
Yu Rencheng	Professor	Institute of Oceanology, Chinese Academy of Sciences
Xu Kuidong	Professor	Institute of Oceanology, Chinese Academy of Sciences
Sun Xiaoxia	Professor	Institute of Oceanology, Chinese Academy of Sciences
Zhang Junlong	Professor	Institute of Oceanology, Chinese Academy of Sciences
Li Yanwei	Director of International Office	Institute of Oceanology, Chinese Academy of Sciences
Guo Jie	Professor	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Li Baoquan	Professor	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Zhang Wuchang	Professor	Institute of Oceanology, Chinese Academy of Sciences
Sun Lina	Professor	Institute of Oceanology, Chinese Academy of Sciences
Chen Linlin	Associate Professor	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Chen Jing	Senior engineer	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Wang jiao	Assistant Professor	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Zhang Wenjing	Engineer	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences
Yang Fengfan	Senior executive	Institute of Oceanology, Chinese Academy of Sciences
Hu Ziyuan	Associate Professor	Institute of Oceanology, Chinese Academy of Sciences
Zheng Shan	Associate Professor	Institute of Oceanology, Chinese Academy of Sciences
Liu Mengtan	Associate Professor	Institute of Oceanology, Chinese Academy of Sciences
Guo Shujin	Associate Professor	Institute of Oceanology, Chinese Academy of Sciences
Zhao Yongfang	Senior engineer	Institute of Oceanology, Chinese Academy of Sciences
Zhu Mingliang	Senior engineer	Institute of Oceanology, Chinese Academy of Sciences
Liang Junhua	Engineer	Institute of Oceanology, Chinese Academy of Sciences
Zhang Kangning	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences
Zhao Chenhao	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences

Yang Shimeng	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences
Wang Feng	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences
Meng Liujiang	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences
Wang Jing	Doctoral student	Institute of Oceanology, Chinese Academy of Sciences

