



## « STUDY OF AQUATIC AND TERRESTRIAL ECOSYSTEMS: HISTORY AND MODERNITY»



### **III International Scientific and Practical Conference dedicated to the 10th Anniversary of the reunification of Crimea and Sevastopol with Russia**

**September 2–7, 2024 – Sevastopol, Russia**

From September 2 to 7, 2024, the III International Scientific and Practical Conference «STUDY OF AQUATIC AND TERRESTRIAL ECOSYSTEMS: HISTORY AND MODERNITY» will be held at the oldest marine biological scientific institution in Russia, A. O. Kovalevsky Institute of Biology of the Southern Seas of RAS (Sevastopol). The conference is dedicated to the 10th anniversary of the reunification of Crimea and Sevastopol with Russia.

The conference is held within the framework of the celebration of the 300th anniversary of the Russian Academy of Sciences and the Decade of Science and Technology in Russia. Researchers, teachers, postgraduates, and students of research institutes and higher educational institutions, as well as representatives of state authorities and local governments, relevant ministries and departments, business structures, and public organizations interested in the development of scientific research and the practical implementation of its results, are invited to participate in the conference.

#### Conference objectives:

- presentation of the results of fundamental and applied scientific research in the field of studying aquatic and terrestrial ecosystems in Russia and abroad;
- discussion of the prospects for the rational use and protection of biological resources;
- improving the professional qualifications of young specialists working in scientific and educational institutions.

#### **The scientific program of the conference includes oral and poster presentations in the following sections:**

- Biodiversity of aquatic and terrestrial ecosystems and its conservation;
- Structure, functioning, and dynamics of aquatic and terrestrial ecosystems;
- Ecological microbiology and algology;
- Physiology and biochemistry of adaptive processes of hydrobionts;
- Molecular biology and genetics of hydrobionts;
- Problems of pollution of aquatic ecosystems and marine radiochemoecology;
- Biological resources, biotechnology, and aquaculture;
- Sustainable coastal development;
- Low-carbon development and adaptation to climate change;
- Methane degassing in aquatic ecosystems: fluxes, environmental role, genesis, participation in geological and ecological processes;
- Section of the Junior Academy of Sciences.

**Events:**

- Seminar titled "Marine radiochemoecological research: history and modernity". This seminar is dedicated to the 95th birthday anniversary of the renowned scientist, founder of marine radioecology, Doctor of Biological Sciences, Professor, and Academician Polikarpov G.G.
- School-seminar called "Modern Hydrobiology: From Expedition to Article". This event will feature lectures, master classes, and workshops aimed at acquiring modern research methods in the field of marine biology, improving data processing skills, and presenting research findings. The Council of Young Scientists and Specialists of the IBSS is organizing the school-seminar.

**Round tables and seminars** are being organized, and proposals for their program are requested. Please send your **proposals for the formation of their program**, along with a justification for addressing the proposed topic, to the organizing committee at [conf@ibss-ras.ru](mailto:conf@ibss-ras.ru)

**Conference format:** mixed format with face-to-face and virtual participation.

**Forms of reports:** oral (plenary and sectional) and poster.

**Languages of the conference:** Russian and English.

Following the results of the conference, a collection of conference materials will be published with the assignment of an ISBN code. The electronic collection will be posted on the conference website, in the open access repository of IBSS: <https://repository.marine-research.ru>, as well as in the national bibliographic database of scientific citations RSCI.

**Registration** of participants and submission of materials is carried out on **the conference website:** <https://conf.ibss-ras.ru>

**Important dates:**

Proposals for the formation of a program for seminars and a workshop – **until March 10, 2024.**

Pre-registration – **until April 20, 2024.**

Submission of abstracts and payment for registration – **until May 30, 2024**

Information about the format of materials and the publication procedure will be sent to registered participants in the **second information letter.**

**Organizing committee address:**

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**WE WILL BE GLAD TO SEE YOU IN SEVASTOPOL!**

## PROGRAM COMMITTEE

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