

# FIRST CIRCULAR

## IV International Scientific and Practical Conference

### MODERN ASSESSMENT METHODS AND RATIONAL USE OF AQUATIC BIOLOGICAL RESOURCES

**Date:** September 21-23, 2026

**Venue:** AtlantNIRO, Kaliningrad, Russia

**Format of participation:** in person and online (hybrid)

Details, programme  
and materials:

<https://vniro.ru>

#### Organizing Committee

FSBSI Russian Federal Research Institute  
of Fisheries and Oceanography (VNIRO)

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ФЕДЕРАЛЬНОЕ  
АГЕНТСТВО  
ПО РЫБОЛОВСТВУ

The official languages of the Conference are Russian, English and Chinese

# SUBJECT OF THE CONFERENCE

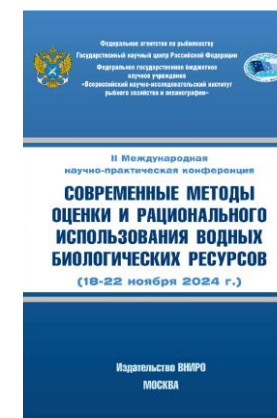
We invite you to take part in the IV International Scientific and Practical Conference «Modern assessment methods and rational use of aquatic biological resources», which continues the traditions of the Russian school of Mathematical Biology and Quantitative applied ecology, dating back to the works of F.I. Baranov, G.F. Gause, A.N. Kolmogorov, A.A. Lyapunov, Yu.M. Svirezhev, V.V. Menshutkin and others famous researchers.

## SCIENTIFIC ISSUES TO BE DISCUSSED

- Modern methods of assessment and forecast for the aquatic biological resources state, including the assessment of IUU fishing
- Mathematical modelling of population and ecosystem dynamics
- Management of stock-fishery systems and bioeconomic optimization
- Development of software and mathematical-methodological support for processing data on the state of aquatic organisms and the environment
- Artificial intelligence in fisheries research
- Modelling the dynamics of the atmosphere and ocean and its impact on the state of ecosystems and stocks of commercial aquatic organisms
- Mathematical models in limnology and aquatic ecology
- Ecosystem approach to fishery management

## CONFERENCE ABSTRACTS

Following the results of the Conference, it is planned to publish a collection of materials (with an ISBN assignment), which will be posted on the e-library platform (RSCI) and on the VNIRO official website.



<https://www.elibrary.ru/item.asp?id=59318018>  
<https://www.elibrary.ru/item.asp?id=80356429>  
<https://www.elibrary.ru/item.asp?id=89082994>

# FORMAT AND CONDITIONS OF PARTICIPATION

## IMPORTANT DATES

**July 15, 2026** – Deadline for registration;

**August 1, 2026** – Deadline for abstract submission;

**September 14, 2026** – Deadline for confirmation of your participation in the Conference,  
– Distribution of the draft programme and details of participation in the Conference

**THE ORGANIZING COMMITTEE ACCEPTS REGISTRATION FORMS  
AND ABSTRACTS IN RUSSIAN OR ENGLISH (1-3 PAGES)  
TO THE E-MAIL ADDRESSES:  
[cadastr@vniro.ru](mailto:cadastr@vniro.ru), [ermolaeva@vniro.ru](mailto:ermolaeva@vniro.ru).**

There is no registration fee for participation.

The organizers provide the possibility of  
simultaneous interpretation.

The State Scientific Center of the Russian Federation FSBSI Russian Federal Research Institute of Fisheries and Oceanography (VNIRO), is a basic scientific institution of the Federal Agency for Fisheries.

The priority VNIRO task is to conduct comprehensive (fundamental and applied) scientific research in the field of monitoring of the aquatic biological resources state and their habitat in all fishery basins of Russia and in the World Ocean.

# ABOUT THE CONFERENCE

The Conference is a continuation and development of the VNIRO Branch Methodological Seminar, organized by V.K. Babayan in 1985, and has been held annually since that time.

The discussed reports cover a broad geographic scope of research and a diverse range of species. They examine and provide practical recommendations for addressing the most pressing issues in stock assessment of commercial aquatic species and substantiating TAC.

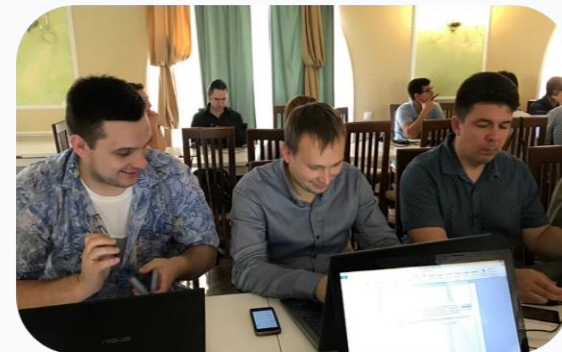


## CONFERENCE GOALS

- *to develop interdisciplinary connections and scientific communication;*
- *To obtain new scientific results in the fields of applied quantitative biology, mathematical modelling of commercial aquatic species stock dynamics, modern methods for assessment and forecast the state of aquatic bioresources, and for management stock-fishery systems.*

The Conference is a platform for exchanging experiences and establishing contacts between employees of scientific and educational organizations in the fisheries sector.

**THE EVENT PROMOTES THE  
COMBINATION OF THE RESULTS OF  
RUSSIAN AND FOREIGN RESEARCHERS  
AND THEIR SUBSEQUENT  
IMPLEMENTATION INTO THE PRACTICE OF  
FISHERIES RESEARCH**



# VENUE

## Kaliningrad

is located on the shores of the Baltic Sea and is the westernmost regional center of the Russian Federation. Until 1946, the city was called Königsberg. The famous philosopher Immanuel Kant lived and worked in Königsberg. Now it is a unique city with a rich history, full of interesting facts and legends.

Kaliningrad has museums:

- Museum of the World Ocean,
- Scientific Maritime Museum of the Atlantic Branch of VNIRO,
- N.S. Gaevskaya Hydrobiological Museum,
- Amber Museum,
- Museum of Fine Arts,
- Historical and Art Museum,
- Fortification Museum,
- Immanuel Kant Museum.

The city has theaters, large libraries (in particular, fragments of a medieval book collection — the Wallenrodt library), one of the largest and oldest zoos in modern Russia, and a botanical garden. There is a brick Gothic cathedral in the city center. The Kaliningrad Region is home to the largest amber deposit.

**Dates**

**September 21-23  
2026**

**WE WILL BE GLAD TO  
YOUR PARTICIPATION!**

Stay tuned for updates:

- circulars
- programme
- participation details

<https://vniro.ru>