

The first announcement

The 44th IAD Conference: "**The Danube River, from the Black Forest to the Black Sea – different countries, common challenges, sustainable solutions**" will be held on 1–4 November 2022 in Kyiv, Ukraine. It will be organized by the Institute of Hydrobiology National Academy of Science of Ukraine and the General Secretariat IAD.



Despite the ongoing corona crisis, we are very pleased to inform you that we have set the date when the event will take place. Today we are considering the both possibilities, as a face to face and as a virtual conference. In any case we will try to offer a valuable platform for the exchange of ideas and experiences between research and practice from the whole Danube River Basin.

There are the main directions of the Conference:

Section 1. Pollution and morphological changes in the water bodies of the Danube basin;

Section 2. Monitoring of aquatic species and habitats;

Section 3. Protected areas and biodiversity conservation;

Section 4. Climate change impacts on aquatic ecosystems;

Section 5. Integrated water management – from environmental monitoring to sustainable solutions

About the Host



The history of the Institute of Hydrobiology started in 1909, when a small building of the Dnipro Biological Station appeared at the island in the middle of the river near the Kyiv. This one of the first in Europe Biological Station was organized by Kyiv Naturalists Association. Since stations foundations until events of 1917, the Dnipro Biological stations staff collected various material of different groups of aquatic organisms (plankton and benthic animals), carried out ornithological and parasitological study. Those studies were mainly regional faunistic and floristic, as well as study of some hydrobionts' groups composition and distribution near Kyiv.

Dnipro Biological Station

In 1921, the Dnipro Biological Station was included into the Academy of sciences of the UkrSSR. According to Decree of Presidium of the All-Ukrainian Academy of Sciences, on February 13, 1934 the Station was reorganised into the Hydrobiological Station. In May 1939, the assembly of the Academy of sciences of the Ukrainian SSR decided to rename the Hydrobiological Station into the Hydrobiological Institute. The governmental decision on the Institute of Hydrobiology organization was accepted in 1940 (Decree of the Peoples' Commissars Council of the UkrSSR # 696, of May 23, 1940).

Today the main objective of the Institute is connected with fundamental and applied scientific research with the aim of obtaining of a new scientific knowledge in the field of a hydrobiology, hydroecology, and ichthyology, a conservation of aquatic living resources, rational nature management taking into account the forecasts and world trends in the development of science and technology, the state of the market of scientific and technical products.

In 2016, the Presidium of the National Academy of Sciences of Ukraine approved the following main scientific directions of the Institute's research:

- Investigation of the biodiversity and functioning of freshwater ecosystems as the basis for the development of technologies for biological indication, monitoring and management of ecological state of the water bodies;
- Investigation of physical and chemical bases of a migration, transformation and biological effects on hydrobionts of radionuclide and chemical contaminations and ways of their regulation;
- Assessment and forecasting of fish fauna state in the water bodies of different types for the environmental management and conservation of fishes diversity;
- Molecular, cellular and physiological researches of aquatic organisms as a basis for the development of highly efficient technologies of aquaculture.

The registration process for the conference will start again soon.

In the case of a face-to-face conference, it is possible to organize paid excursions around the city of Kiev, along the Dnieper with a visit to the Kiev and Kaniv reservoirs, to the exclusion zone of the Chernobyl power plant accident, to the Ukrainian part of the Danube delta (with an overnight stay).

With our best wishes,

Artem Lyaschenko and the organizing team



Institute of Hydrobiology