

For more information

NAME:

Elena Zubcov, cor. memb. scientific of ASM
Liviu-Dan Miron, prof., dr.

ADDRESS:

1 Academiei str. Chisinau 2028, Republic of Moldova

8 Aleea Mihail Sadoveanu, Iasi, Romania

CONTACT DATA:

tel: +37379638311

laboratory.hydrobiology.2017@gmail.com

Telefon: +40 232 407.315

E-mail: liron@uaiasi.ro

"The European Union is made up of 28 Member States who have decided to gradually link together their knowhow, resources and destinies. Together, during a period of enlargement of 50 years, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms. The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders".

Joint Operational Programme
Romania-Republic of Moldova 2014-2020

<https://www.ro-md.net/en/>

Team up for healthy fish in aquaculture systems of the Prut river basin

This project is implemented by Institute of Zoology and Iasi University of Life Sciences "Ion Ionescu de la Brad"

Disclaimer

"This material has been produced with the assistance of the European Union. The contents of this publication are the sole responsibility of the Institute of Zoology and can in no way be taken to reflect the views of the European Union or of the Joint Operational Programme Romania-Moldova 2014-2020 management structures."



This project is funded by
the European Union



Romania-Republic of Moldova
ENI-CROSS BORDER COOPERATION



A project implemented by the
Institute of Zoology Iasi
University of Life Sciences "Ion
Ionescu de la Brad"

The project TeamUp for Healthy Fish in Aquaculture systems of the Prut river basin

Fish health – a common priority

In the last decades, the aquaculture sector, both in Romania and in the Republic of Moldova, is faced with serious problems regarding the health and welfare of fish. The practice of managing infectious outbreaks on fish farms is usually combated by disinfection or by means of chemical substances, vaccines or immunostimulants. Little attention is paid to the quality of the water in the fish ponds. Various pollutants from agriculture or animal husbandry cause toxicosis in fish but can also increase susceptibility to various diseases.

Excessive organic fertilizers can lead to direct damage to fish epithelium. The lime used for water disinfection increases the pH of the water and can damage the respiratory epithelium of fish. Fish death can also be caused by the rapid rotting of aquatic vegetation, which leads to oxygen deficiency and the formation of hydrogen sulfide (H₂S), which becomes harmful to fish.



The objectives

To orient research investigations on fish disease control in aquaculture systems of the Prut hydrographic basin towards fish farmers concerns and needs

To develop jointly the environmentally friendly methods for the reduction of diseases and parasitological outbreaks in farmed fish stocks

To improve the capacity of students, researchers, veterinarians and fish farmers for timely prevention, diagnoses and treatment of fish diseases and parasitoses, and application of sustainable management farming practices

Project main approach

TeamUp HealthyFish tackles the needs of researchers, fish farmers and local public authorities of informing, participatory involvement, bilateral cooperation to form a holistic and transdisciplinary view. The project will allow sharing of the best practices and issues of a common concern, carrying out laboratory research experiments and field research for investigation of the status of water quality and fish health, sharing of the research results and joint research activities within short term research visits, a joint research workshop; propose, sustainability of fish farming management practices and fish disease treatment methods, transfer of knowledge and strengthening the capacity of researchers, farmers and veterinarians.

