

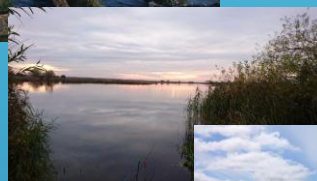


USING FRY MATERIAL GROWN AT AQUACULTURE ENTERPRISES FOR THE RESTORATION OF FISH STOCK IN THE WATER BODIES OF THE KALININGRAD REGION

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The main water resources of the Kaliningrad region are the Neman and Pregolya rivers and two connected saline gulfs of the Baltic Sea, Curonian and Vistula lagoons.

In the Kaliningrad region, there are 339 main watercourses with a total length of 5180.8 km, 945 inter-farm drainage canals with the total length of 3384 km, 150 lakes and ponds with an area of 61.0 km² and 315 swamps with an area of 838 km²



Anthropogenic impact on aquatic ecosystem:

- road construction
- waste water discharge
- change in water balance



- reduction of spawning areas
- deterioration of the quality of water bodies
- deterioration of the quality of the fish population and a decrease in its diversity

Main ways to restore aquatic ecosystems:

- clearing spawning grounds
- creation of artificial spawning grounds
- improving the quality of the environment
- **restoration of ichthyofauna by restocking**

Main objects for **restocking**

- Whitefish
- Salmon
- Trout
- Pike
- Tench



Life stage of fish for restocking



Perspective objects for **restocking**

- Vimba
- Eel
- Sturgeon

But how to restore populations of low-value fish species?