

## **The comparative analysis of chemical and biological indicators thresh fishes of different sites of the Volga spur of the Kuibyshev vodokhraniliashch in the conditions of anthropogenous influence**

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**Keywords:** the fish fauna to grind fishes, the Kuibyshev reservoir, dimensional structure, specific structure, age structure, fatness coefficient, anthropogenous influence, total antioxidant activity.

### **Abstract**

In analyzing the data provided by the Federal State Institution "Srednevolzhrybvodom" it was found that juvenile fish species preoblaschimi spur of the Volga Kuibyshev reservoir at different degrees of anthropogenic impact is bleak, bream and perch. The comparative analysis of these biological indicators of juvenile fish as a body length, body weight, age, fatness in a different degree of anthropogenic load. It was developed size-weight model bleak, bream and perch that will predict the mass of the fish when fishing allowed catch sizes, provided a stable fodder at the 2013 level, and improve water quality. In addition to the study of biological indicators were analyzed and one of sovremnyh innovative chemical indicators - total antioxidant activity of the blood of fish.