

**ECONOMICS**  
**(specialty 08.00.05)**

***Aydarkina E.E. Condition monitoring of water resources in Rostov region***

The results of the monitoring of water resources of the Rostov region are given: an analysis of water resources of the Don River and other small rivers, assessment the state of the surface and underground sources of fresh water, examined the percentage of exceeding the maximum permissible concentration of harmful substances in water bodies, identified the major pollutants of the river basin Don, the factors have a significant impact on water quality of the river Don, this discharge of insufficiently treated waste water and industrial enterprises, housing, utilities, fertilizer runoff, pesticide residues, organic matter, heavy metals from agriculture and livestock, stormwater runoff, mining, drainage water, etc., as well as the major factors of human impact on water systems of the Rostov region, which include: hydraulic engineering facilities (reservoirs, hydro), the removal of the water runoff of pollutants from various types of wastewater.

Keywords: monitoring, human pressure, the negative impact, the state of water resources, pollution, pollutant content, the quality of water resources.

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