

Influence of antropogenic factors on river Kvirila quantitative and qualitative

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In the modern world,including Georgia where are intense global changes and civilization along with the development of immeasurably increasing hydrological targets antropogenic impact on the forms and scales.

River Kvirila is Georgia`s most important river artery. Its use occurs in irrigation,population water supply needs minerals to gain necessary technological cycle,West Georgia`s ecological condition is largely depended on river kvirila`s water resources river water resources river water quality is significantly affected by chiaturamanges ore, the extracted ore the largest in the world over ten years hundreds of million tons of ore extracted.industrial waste water contains a large number of manganese compounds and weighted particles.the problem is complicated by the fact that river water is used for agricultural lands.riverkvirila waters are used to water Zestaponi and Dagdati municipalities about 3000 ha of agricultural water rights.in additional kvirila represents what the river Rioni seconds the river bed,existing water points important component In river Riono flow. Rioni even in western Georgia is a key river artery.

The present work analyzes the river kvirila water quantitative and qualitative variability of the causative reasons.Its influence on the surrounding ecosystems,the water quality of the various elements is done in the statistical analysis.The assessment is done for the river water resources antropogenic load forms,and scaleswhich is very important for water resources for ausi management and complex use for long-term planning.