

Use And Evaluation Water Resources of River Aragvi

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Evaluation and rational utilization of water resources is one of the urgent tasks of modern civilization, because rising of anthropogenic loading impact forms and scales of the water is also continuously rising. In this regard, the river Aragvi and its basin are very important. The river water is utilized for complex purposes: energetics, recreation, irrigation water supply etc. Therefore, the evaluation of flow rate regime elements and the research of the key issues for utilization has a great importance.

Small hydropower development in the Aragvi river basin is also important, which in the hilly landscape, in the ecological point of view is one of the justified events for supplying population of mountain with electricity. The evaluation of small energy potential of the river basin is also actual task.

The research of flow regime of the Aragvi, balance of water supply, current condition of Zhinvali hydro-complex are based on the levels of the rivers and the current cadastral data of the cost and the received results of these studied data. The existing water in the Aragvi basin in the qualitative and quantitative point of view is enough for solving water-resources issues, but in spite of this, a strict control over water resources for its optimal distribution and management purposes is essential.