

Hydrological Regime and Water Resource Assessment of the Abasha River

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Modern climate trends are causing a seasonally uneven distribution of water resources, which further emphasizes the need to assess river runoff. Such analysis is essential for the effective allocation of water resources among various users at the basin level. This process, in turn, serves as a fundamental basis for river basin management and represents a crucial stage in the rational and strategic planning of water resource use.

To ensure the effective management of water resources, the hydrological regime of the Abasha River has been assessed. In particular, the analysis covers the river's tributaries, average annual discharge, climatic conditions, and the water resource potential of both the Abasha River and its tributaries. Such an approach provides an opportunity to evaluate the river's water resources and ensure their optimal allocation among the stakeholders of the water management system.