

Hydrological Regime of the Tergi River Basin and Assessment of Its Transboundary Significance

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The Tergi River basin, as a transboundary hydrographic unit, represents a strategic area. It is an important resource both for regional water supply and as a vital recreational component of the environment. Considering constantly changing conditions, it is essential to describe the current state of the Tergi River basin, analyze the challenges associated with its management, and examine its ecological and environmental status all of which determine the potential for sustainable development in the region.

The study employs hydrological monitoring data, cartographic materials, Geographic Information Systems (GIS), as well as historical maps and documents retrieved from archives. The analysis is based on both objective scientific data and an understanding of the broader cultural and political context. As a result, conclusions are presented that aim to support the integrated management of the Tergi River basin and the preservation of ecosystem stability.