

# Hydrological and hydraulic analysis of hydro-hazardous phenomena of the River Varaziskhevi

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There are many small rivers flowing in the basin of the city of Tbilisi, the Mtkvari River basin, which pose a certain threat to the city infrastructure. In the historical past, the Rivers Vere and Krstaniskhevi inflicted a great damage to the capital of the country and even caused human victims.

One of such hazardous rivers is Varaziskhevi, with the city developed in its water catch basin. During peak freshets, the river is a risk-factor for the city population and infrastructure.

The detailed analysis of the hydrological and hydraulic processes taking places in the upper reaches of the Varaziskhevi River has revealed the principal trends resulting from the hydro-hazardous processes developed in the basin.