

## **Hydro-meteorological Hazards in the basin of the River Bidara**

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In the past few years, the negative consequences caused by natural disasters have reached colossal scales throughout our planet, including Georgia. Human casualties are frequent, with material losses of millions of dollars. Due to the versatility, scale, recurrence of natural disasters, negative consequences for agricultural lands and engineering facilities, the territory of Georgia belongs to the most difficult region of the mountainous regions. The peculiarity of the geographical location of the territory of Georgia contributes to the aggravation of general atmospheric circulation processes and the formation of natural hydro-meteorological events. Floods, droughts, snow avalanches, hail, strong winds and more are frequent.

The paper focuses on a natural hydro-meteorological event such as an avalanche, discusses its forming factors and dynamic characteristics. Because of the high slope leading to strong avalanches, the Bidara River Basin, known as the Avalanche Laboratory, was chosen as an example. Avalanche is a major threat in the Bidara River Basin, as the Mtskheta-Stepantsminda-Larsi section of the international road passes through this narrow gorge, Therefore, it is critically important to properly assess the avalanche danger and take appropriate measures.