

Regime Equations in Mountain Streams in the Cauca Region of Colombia

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Abstract. Knowledge of the dimensions of a stable stream channel during a specific period of time and of its corresponding forming discharge allows determining parameters of regime equations for a region, which enhance the design of channels in other zones with similar characteristics.

Nowadays, the state-of-the-art for regime channel does not include the typical streams of the Department of Cauca characterized by relative steep slopes, high annual precipitation in the order of 2500 – 3000 mm, high discharge and varied geology. In this article, we present regime type expressions obtained from a research done in mountain streams of the Department of Cauca, Colombia.

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