

RIVER FLOW AND ECOLOGICALLY ACCEPTABLE FLOW

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River flow is a category of river regime, conditioned by the regular average long-term state of mutual physical and geographical processes and phenomena, which are directly measured for each river flow on a certain cross-section. After a series of direct measurements, a correlation between flow and water level can be found indirectly, although river flow and water levels are not in a completely direct function.

Flows as well as other elements of the river regime are defined as average, high and low flows. In addition to them, the potamological literature recognizes very high and very low flows, which are called date flows and water levels.

The categories of discharges expressed in this way are not recognized by the Law on Waters of the Federation of Bosnia and Herzegovina, as well as the Rulebook on Determining Ecologically Acceptable Flow, which, among other things, regulates minimum discharges. On the basis of these Laws and Regulations in Bosnia and Herzegovina, Environmental Impact Studies are designed for the construction of mini hydro power plants (SHPPs) which usurp very clean and drinkable water from tributaries of the n-th order from sub-mountain and mountain streams, leaving them permanently. without water.

Key words: *flows; river flow, water body; average flows; high and very high flows; low and very low flows; environmentally acceptable flow; biological minimum.*