



Hydrographical works for fitting out the torrents in the mountains influence ups several environmental factors

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On the torrential brooks Cuca and Batrana and its tributary stream system from the Raul Targului basin was researched, in the period 1997 - 2001, the effects of the transversal hydrographical works - made after 1980 - on the river bed characteristics on the forest vegetation settle down in them section and on the existence conditions of the fauna from pisciculture. The transversal hydrographical works, rational placed and correct achieved by forming of intermediary base levels and by the alluviation of alluvial deposit up to the ridge of weirs had diminished the general slopes along the rivers beds and had increased the width of these, and in this way these had caused the diminishing of erosion, of the coarse alluvions transport and the attenuating of the maximum flood discharge. The placing of the dams in the river beds with the permanent minimum discharge for pisciculture fauna hat stopped the migration of the salmonoids for reproduction cause the fish ladders made up for these works was taken out of function - by degradation or colmatage - after the first floods. It is advisable for these riverbeds to be fitted out with transversal works with low height in order to be crossed by fish. The dams are very efficacious for the coarse alluvions restraint and for the attenuating of the liquid and sediment discharge on the primary torrential stream.