



CERCETARI ASUPRA OPORTUNITATII SI EFICIENTEI  
HIDROAMELIORATIVE A LUCRARILOR DE CONSTRUCTII  
HIDROTEHNICE EXECUTATE PE PÂRÂUL TORENTIAL CUCA  
(B.H. RÂUL TÂRGULUI)  
RESEARCH ON OPPORTUNITY AND EFFICIENCY  
HYDROAMELIORATIVE OF CONSTRUCTION EXECUTED ON  
BROOK TORRENTIAL CUCA (BH EVIL FAIR)

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In order to diminish the consequences of the phenomena of torrent and erosion, on Cuca torrential rivulet and on some of its tributary streams hydro technical constructions have been made the dominant ones being the stone barrage with cement mortar. The work, begun in the 90's improved the hydrologic regime of the rivulet, by reducing the general slope at the thawed, diminishing the solid discharge; also we consolidated the versants connected to the river bed and supported vegetation growth, The transversal work in the inferior part of the rivulet determined a rapid growth of alluvial deposit and the barrage affected medium quality, stopping fish migration and multiplication. It is recommended that the transversal work to be executed, on a first stage at the mouth of tributary streams and in the superior part of the torrential rivulet, where, a low debit does not assure the presence of piscicultural fauna.