

FENOMENELE DE RISC INDUSE DE VIITURILE DE PE RÂURILE DIN DEPRESIUNEA ALMAȘ-AGRIJ ȘI DEALURILE CLUJULUI ȘI DEJULUI

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ABSTRACT.- *The risk phenomena induced by the floods on the rivers from Almas - Agrij Depression and Cluj - Dej Hills. The aim of this study was to analyse several aspects of the floods on the rivers from Almas-Agrij Depression and Cluj and Dej Hills, because they often generated catastrophic inundations. In this work it were used series of data for 28 years within the interval 1976-2004 of nine hydrometrical stations: Almaș, Hida, Românași, in the Almaș-Agrij Depression, and: Căpușu Mare, Mera (Rădaia), Aghireș, Maia, Borșa and Luna de Jos, in the Cluj and Dej Hills, on the: Almaș, Agrij, Căpuș, Nadăș, Olpret, Borșa and Lonea rivers. The main purpose of the study was to distinguish some aspects of floods that would constitute a very important help for the prediction, the prevention and the diminishment of the hydrological risks. Thus, the work presents the floods formation, analyses their frequency of occurrence and describes some characteristics of flash floods (debits, duration) from the area. The study represents a preliminary stage for further analysis regarding the hydrological risks in the Almaș-Agrij Depression and the Cluj and Dej Hills.*