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Rainfalls over 2000-2008. Case-Study: Oltenia Region

ABSTRACT

Wet periods have been analysed by the Hellmann criterion, some aspects being extended to the whole country. Among the nine years taken, into this study it was 2004, 2005, 2006 and 2007 which proved particularly rainy. The historical values registered in 2005 (quantity intensity and affected area) had never been recorded in the past four decades. However, damage appeared to be at its peak in 2006 because the rains of 2005 continued, the climate got warmer, spring rains and snowmelt adding it. As a matter of fact, the phenomenon was not singular, it having affected Europe, two, basically the whole upper basin of the Danube. Oltenia was hit by severe flooding which imposed the evacuation of the population. The excess rainfalls over the study-period were triggered by the intensification of the Mediterranean Cyclones that reached also the Romanian territory.