



The solid transport during the flash floods of 2005 and 2006 in the Romanian sector of the Danube

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The paper regards the evaluation of the total solid transit (suspended sediments and rolled sediments) in the Danube between Bazias and Isaccea during two important recent flash floods (2005 and 2006). In detail we have presented both the transported volumes and the amount of the granulometric fractions of the sediments.

The effected analysis also contains comparative situations with the most important flash floods of the last three decades including an estimation of the degree in which the two reservoirs, Iron Gates 1 and Iron Gates 2 take part in the solid discharges.

Together with these objectives we have to mention that we have taken into consideration the determination of the repartition of this hydrological parameter on the period of the hydric excedent towards the three main branches of the Danube.