Coastal oceanography

Rain Flashflood Rare Occurrence In The Basin Ashamba River

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Rain Flashflood Rare Occurrence in the Basin Ashamba River and its Impact on Bathymetry and Structure of the Sea Water in Gelendzhik Area. This paper describes and analyzes data on the conditions of formation of the catastrophic rain flashflood. The consequences of the passage on the bed of a small river to the population, infrastructure, the bottom and the sea area near the mouth of the river described. Conditions of formation of the rare occurrence of water flow based on meteorological, hydrological information evaluated. The influence of river flow on the bottom topography and the hydrological and hydrochemical structure of waters in the Blue bay of the Black Sea is described. Flash dangerous meteorological phenomena is natural process which not known well due to rarity, the short duration and adverse weather conditions for the collection of the data. A detailed analysis of the information received by academics and students of the Geography Department of Oceanology, Lomonosov Moscow State University during a catastrophic flood on July 6-7, 2012 at the Blue Bay Gelendzhik, will provide a more detailed understanding of the influence of extremely high precipitation on the small area. Department of Oceanology with the Institute of Oceanology RAS engaged in collaborative complex research in the Gelendzhik area from 1999 to the present, with different synoptic conditions. The article refers to the regional research.