O16. MODERN STATE AND DYNAMIC OF THE BEACHES OF KALAMITSKIY GULF IN THE WESTERN CRIMEA

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In 1980-th the average width of beaches of Kalamitskiy Gulf on the Western coast of Crimea was 40 m on accumulative part and 10 m on abrasion. Now they are reduced more than 2 times. Depletion of beaches, abrasion of coasts and erosion of underwater slope accompany these processes. Activation of mentioned processes is caused by deficit of beaches material due to intense anthropogenic impact on the coast. The main factors of human activity in that area are quarrying of sand and pebbles on the beaches; regulation of solid runoff of rivers; unwarranted hydrotechnical construction; dredging; pollution of sea waters and bottom sediment. Between natural factors the Black Sea level rise, sinking down of described coast, wind-wave conditions, beaches lithology and activation of extreme storms facilitate beaches reduction.