



Coastal Processes Surveillance – necessary actions towards erosion control

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Current trends of increasing human population on the coastal areas leads to very developed urbanized zones and intensive lands uses.

Romanian Coastal zone is traditionally unstable because of drought summers and flash floods, having a great demand for water and a long history of protection needs and ways identification. Romanian coast has been specially affected by inland water resources use and hydrotechnical works gradual extension.

The surveillance of the shoreline evolution shows the main locations with weakness and vulnerability. They need the shoreline management extended within before now two Masterplans for coastal protection and rehabilitation, for on the Romanian littoral.

It was determined the priority actions for most affected coastal area locations, together with the several complementary beach protections against the threat of high waves and storm surges, in context of the geo-hydrodynamics conditions of the last five decades coastal.

In this work will be presented several aspects resulted from the complex surveillance of the current coastal processes, its connections and interferences situation on the Romanian littoral.