







The increase in erosion, as well as the result of the combination of rainfall and sea level rise, is an opportunity for the gradual transformation of this homogeneous coastline into different types of spaces along the front (coves, terraces, sea pools etc.). Less vulnerable and more consolidated landscapes are more capable of promoting activities related to idleness, sea sports and socializing.

Created starting from consolidation operations, the structuring physical bases allow the establishment of functions capable of lasting over time because in favorable conditions. The purely functional action of consolidation and protection becomes a project input where the safeguard intervention itself also acquires the function of public space.

(1) Rate of longitudinal transport of sediments due to the action of currents and waves (in thousands of m / year): the calculation performed according to the CERC model, with the calibration coefficient adapted to the characteristic measurements of the grain of each section of costs and according to the Kamphuis model.

(2) The main actions to be undertaken can be summarized in the tables of the PhD Thesis of Miriam García (scholar and researcher of issues relating to coastal protection): *Towards the Synthetic Metamorphosis of the Coast.*

2. New visual alphabet of coastal landscape design tools

Rate of the transport of sediments

in the Maresme (1)







Seagrass beds





Beach and dunes

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Climate shelter

Cultural and recreational amenities

Sea sports



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