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UPDATING AND TESTING THE LEGEND OF COASTAL GEOMORPHOLOGICAL MAPPING: SOME ITALIAN CASE-STUDIES

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This work has been carried out in the framework of the Working Group (WG) "Coastal Morphodynamics" of the Italian Association of Physical Geography and Geomorphology (AIGeo), in the wider context of AIGEO cooperation with the Institute for the Protection and Environmental Research (ISPRA) for the updating of the legend for the "Geomorphological Map of Italy". The WG dealt with the coastal part of the legend and the attention has been focused on marine, lagoon, lacustrine and eolian landforms, processes and deposits. The legend has been particularly addressed to coastal zoning of geomorphological hazard and risk situations to support land planning and management. With this task, the proposed legend aims to represent at different scale not only the coastal landscape highlighting the origin of every landform but also its dynamics and trend. The legend has been drown to provide information about the morphological characteristics at small and great detail. The relict morphological features and the active ones are reported together with the quantitative parameters useful in the description of the present morphodynamic and wave climate conditions. On the basis of the activities and experiences carried out by the "Coastal Morphodynamics" AIGeo WG, during the last year some examples of coastal geomorphological mapping at different scale (1:5.000 and 1:25.000) are performed. They have been addressed particularly to the problems both of littoral plain and rocky coast dynamics and to the interactions with anthropic interventions.