

## **Hazards and counteracting the geodynamic processes occurring on cliff coasts in Poland**

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The intensifying activity of the cliff coast in Poland poses a hazard to individual buildings and housing settlements situated in the hinterland beyond the cliff.

The range of the hazards to the objects mentioned above calls for measures to be taken to protect them. And the problem does not refer here to reinforcing the construction of the objects, but to setting up an appropriate protection system along the coast to prevent it from being damaged.

Moreover, it should be pointed out that the seashore is a particular area of human engineering intervention into it. It is a zone where various hydrodynamic, geo-, and morphodynamic processes occur. In fact, the destructive abrasion process can be slowed down by use at one point along the coast being of interest to us, but it will be activated in the neighbouring area along the sea.

The above problem is complex and requires, on the one hand, a knowledge of the natural processes mentioned, and on the other some understanding of the hydroengineering structures of the coast and their interaction with the processes.