

# Coastal Protection at the Albanian Mediterranean Coast

NCH Advisors Inc.  
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Service area	Contract value	Project duration
Infrastructure Planning	€22,300	1 year



## Project description:

The beach at the Albanian Mediterranean Coast close to Durrës erodes continuously. The coast line moves several meters per year inland. Due to the erosion the value of land properties is significantly reduced.

HPC was requested to coordinate adjusted coastal protection measures to stop the ongoing erosion and to initiate an aggradation of sand, if possible.

Two barriers (including geotextile, riprap and rock surface reinforcement) were designed and constructed. Their effect on coastline and bathymetry was topographically surveyed. A few month later significant aggradation of sand has already taken place.

## Our services:

- Evaluation of existing information: aerial photographs, old military maps, climate data and maritime data

- Project management for planning and design of the barriers based on these data
- Construction supervision during critical phases of the project
- Preparation of a monitoring-program and evaluation of the obtained topographical data

## Client benefits:

- Interdisciplinary expertise from one consultant only
- Stop of coastal erosion and property losses