ESTIMATED REGRESSION OF COASTLINE

GIZC

GESTIÓ INTEGRADA
DE LA ZONA COSTANERA

Axis Bloc 1.1 Thematic area

EDEA 🕸

General de Recerca, upament Tecnològic i Innovació

le les Illes Balears

elleria d'Economia da i Innovació Disciplinary research Environment

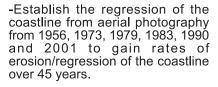
Coastal variability and global change

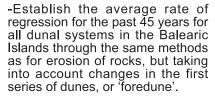
Summary

The interests present in coastal areas and the pressures of urban development to which most of the Balearic coastline is submitted make it necessary to study in depth the key features of regression and the future behaviour of the coast.

The estimation of rates of regression of the coastline, from a perspective of ICAM, can help greatly in making decisions regarding possible action in various coastal areas.

Actions





-For transitional waters and lagoons there will be a calculation of the rate of loss of surface area (m2/year), for which there will be a definition of the impact of man-made changes and changes in climate, etc.

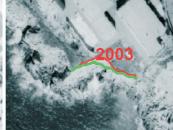


Coastline of Betlem (Artà)



Coastline of s'Alavern (Llucmajor)





Regression of the coastline at Marivent-Castell de Sant Carles (Palma, Majorca)

Axis Bloc 1.1 Environment Coastal variability Project Estimated regression of coastline

Aplications

Research

The proliferation of work and research articles referring to the regression of the coastline following similar methods to that mentioned above restates the growing importance of these aspects in the international scientific community from an ICAM perspective. ICAM requires the compiling (or creation, if they are not present) of specific work analysing various processes affecting the coastline in any of its scientific aspects.

Administration

The information generated from the establishment of rates of regression of the Balearic coastline can form a very useful tool for the management of specific aspects, such as for example natural risk, for the relevant departments of the Balearic Ministry of the Environment, island councils, etc.

Enterprise

The establishing of rates of regression of the coastline of the Balearic Islands can facilitate access to information for all businesses with the responsibility of assessing or carrying out any action in the general field of the coast.

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