



The dynamics of Albanian Adriatic coastline in the Mediterranean Sea

Pal Nikolli and Bashkim Idrizi
(pnikolli@yahoo.com)

Albanian coastline in the Mediterranean sea is about 380 km. long with about 1 284 km along the Adriatic Sea, and the remain 96 km facing the Ionian Sea. River mouths and deltas, lagoons system, abandoned riverbeds, inland, marsh labyrinths, sandy beaches, dunes covered with vegetation, dense forests, represent Albanian littoral, with enormous international importance for its biodiversity and natural productivity. This area is considered one of the most complicated natural areas of the Mediterranean Sea. In this paper it is attempted to present a general evaluation of the Albanian Adriatic coastline in the Mediterranean Sea. Dynamics of the coastline is demonstrated by topographic maps, aerophoto, satellite images and historical materials. Satellite imagery recorded by the multispectral scanner Landsat in the summer of 1992 and 2002 were used to detect changes that have occurred during this period, along Adriatic coastline in Albania. By above topographic data and other data are detection the partitions of coastline with erosive and accumulative occurrence.