

## **ABSTRACT**

This paper reports on the ASI funded project COSMOCOast, whose purpose is to exploit the potential of new generation very high spatial and temporal resolution COSMOSKYMed SAR X-band data for the sea coastline monitoring. Also the use of other SAR (lower resolution) and optical data is considered in the study. This allowed the authors to examine the overall accretion/erosion trend of the coastline and the effectiveness of coastline protection works whenever they are present. Some areas of the region Abruzzi coast have been considered as test areas.