

عنوان مقاله:

Automated Shoreline Extraction from Optical Images by Image Processing Technics: A Case Study in Lark Island
(IRAN)

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خلاصه مقاله:

A shoreline is the boundary between land and ocean masses. Shoreline change is considered to be one of the most dynamic processes in the coastal area. Accurate shoreline detection has great importance as a prior step of land use/land cover monitoring and planning. Traditional shoreline mapping in small areas is carried out using conventional field surveying methods. Due to the subjectivity and substantial effort involved in manual delineation, an automatic delineation method has been long desired. The purpose of this research is to present a methodology to automated shoreline extraction from optical images by image processing technics. The experiments on a case study (Lark Island .in Iran) show that our methodology works acceptable

کلمات کلیدی:

Shoreline Extraction, Lark Island, Optical Images, Image Processing

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