

## **IMAGE PROCESSING IN AN INTEGRATED REMOTELY SENSED SATELLITE IMAGE**

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### **Abstract**

This work presents a segmentation method based on a region growing approach. It has been implemented in the geographic information and image processing system (SPRING). This paper presents the studied image processing, segmentation about satellite image. The algorithm consists of pre-processing and image segmentation. While remote sensing has made enormous progress over recent years and a variety of sensors now deliver medium and high resolution data on an operational basis, a vast majority of applications still rely on basic image processing concepts developed in the early .With the advent of high-resolution satellite image, the increasing use of airborne digital data and radar data the need for context-based algorithms and object-oriented image processing is increasing.