Abstract

In a modern and industrial world, image processing plays a vital role to make the applications more smart compare to the present systems. Image Enhancement, a major term in image processing industry, which is more innovative and crucial task in digital image processing domain. The main intention of the digital image processing and enhancement scheme is to portray the visual inspection of the image in better contrast with proper sharpness and brightness. The Satellite Image Processing scheme is most essential image processing task, which illustrates the processing of converting complex and blurred view of images into better clarified view to the user. The term morphological feature analysis illustrates the processing of extracting the features of satellite images as well as enhancing the clarity of the respective image in better manner. The proposed approach of satellite image processing clearly demonstrates the process of textural and morphological features of respective image and provides better visual clarity to understand the input image with proper level of accuracy. In the proposed approach, some classification schemes are taken care for processing the image with better clarity, such as Support Vector Machine [SVM], Artificial Neural Network [ANN] and so
on. For all the entire work clearly demonstrates the process of manipulating the satellite image processing to provide better quality of images with more contrast as well as accuracy in result.

References


Index Terms

Computer Science  Image Processing

Keywords

Digital Image Processing, Satellite Images, Feature Extraction, Morphological Analysis, Image Enhancement