Abstract

In today’s world, rapid urbanization is leading to increasing the availability of remotely sensed images which gives occasion of identifying urban objects. Lot of work has already done in this regard but it is limited for the images of some specific areas like urban images, airports etc. Also the techniques used were limited to those areas and not applicable to other images from different areas. This paper gives a new method of recognizing the objects of remotely sensed images and labeling them by using classification techniques on the base of knowledge of known images. This system gives identification of the objects in the image and gives labels to the specific area.

References

©2013 IEEE
- Nikhil Mantrawadi, Mais Nijim, Young Lee, "Object identification and classification in a high resolution satellite data using data mining techniques for knowledge extraction", 978-1-4673-3108-1/13 ©2013 IEEE

Index Terms

Computer Science  Pattern Recognition

Keywords
Remote sensing  Recognition  Pattern recognition  Knowledge-base  Gaussian algorithm