Abstract

Hyperspectral remote sensing is used for a wide range of applications. Hyperspectral data provides more than 200 narrow wavelength bands which provide significant information about all biological and chemical properties of material. Hyperspectral remote sensing is widely used in various applications like agricultural and soil research, mining application, crop management application, drought condition assessment, plant species classification, water body analysis, mineral analysis, etc. This paper mainly reviews the concept of hyperspectral remote sensing; processing of hyperspectral data; different vegetation indices defined by researchers; the applications of hyperspectral data for agricultural.

References


39. Hunt A. R., Rock B. N., Detection of changes in leaf water content using near- and

**Index Terms**

Computer Science  Wireless

**Keywords**

Hyperspectral data, Remote sensing, Spectral reflectance, Agriculture, Crop classification, Vegetation Index.