Abstract

There is a drastic change in the environment prospect across the universe. The factors, influence are in the form of natural activities such as flood, earthquakes, hurricanes, ocean acidification, and cyclones. A recent trend shows that anthropogenic activity affects the global warming, economic loss in productivity and negative penalty on human health that is due to the climate change whose impact faces the elementary test of convolution. Landuse and landcover
has been considering for getting the information more briefly by using geospatial techniques. Geospatial statistics helps in maintaining the balance between the sustainability and economic development for the environment prevention. Remote Sensing, GIS and Computer Application have been tremendously used for climate analysis and adaptations for the stimulating the sustainable development of resources. GIS and genetic algorithm for extracting the information based on the concept of landscape for multi sensorial and multi resolution satellite data. High resolution satellite data will monitor over the pre data and current data of the two similar regional climatic change scenarios considering upon the feature regarding mangrove species over a coastal area. Mangroves species plays a vital indicator for maintaining forest ecosystem service and livelihood option caused by the biodiversity loss, coastal erosion; change in temperature and precipitation change in the aspect of forest cover which highlights planning and management development.

**References**

Climatic Variability on Coastal Ecosystems using Genetic Algorithm Approach


Index Terms

Computer Science
Algorithms

Keywords
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