

Monitoring Vegetation fires using satellite data in and around China

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We used satellite data such as FY-series, NOAA, MODIS, and GOES-9 to monitor forest and grassland fire in and around China. The principles of monitoring forest and grassland fire by geostationary and polar - orbiting satellites were introduced in this paper in china, and then the several serious fire disaster events were selected to introduction. We also studied the new infrared remote sensing techniques for estimating biomass consumption rates in large-scale vegetation fires, and illustrate the transport of carbon released from biomass burning fires on large scale. The important of fire to the process of global climate change also were discussed in this paper.