

Remote Sensing Applications in Monitoring Forest Fires

Mastura Mahmud

Abstract

Biomass burning activities is a repeated problem not only in the equatorial Southeast Asia particularly during the burning season but throughout the world. Remote sensing is a technique that can detect and monitor the active fires, smoke plumes and air pollution. The talk will review current and future geostationary satellite sensors and the capabilities for active fire detection and pre- and post-fire monitoring applications such as fire risks, surface albedo monitoring, and burned area mapping.