Emerging Methods For Early Detection Of Forest Fires

Forest fres are a major environmental issue, creating economic and ecological damage while endangering human lives. There are typically about 100,000wildfres in the United States every year. Over 9 million acres of land have been destroyed due to treacherous wildfres. It is difcult to predict and detect Forest Fire in a sparsely populated forest area and it is more difcult if the prediction is done using ground-based methods like Camera or Video-Based approach. Satellites can be an important source of data prior to and also during the Fire due to its reliability and efciency. The various real-time forest fre detection and prediction approaches, with the goal of informing the local fre authorities.







