

## **The National System for Satellite based real-time wildfire monitoring**

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Since 1999, The National Commission for the Knowledge and Use of Biodiversity (CONABIO) contributes to combating Forest Fires in Mexico and Central America. Currently CONABIO is using Terra/Aqua-MODIS and VIIRS-SuomiNPP satellite images between six and twelve times a day to detect active fires which might be considered as possible source of wildfire. In this framework the "System for early-warning, monitoring and impact of forest fires" was established. The system consists of three components associated with the stages of risk management: before (early warning), during (active fire monitoring) and after (burnt areas identification). For this presentation we will focus on the progress of the development of the individual components using TRMM (Tropical Rain Fall Measuring Mission), MODIS (Moderate Resolution Imaging Spectro radiometer) and VIIRS (Visible Infrared Imaging Radiometer Suite) satellite data as a primary input. As well as the new web page of sistem for distribution of information.