



MODVOLC: 15 years of autonomous observations of Earth's erupting volcanoes

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During the period 28 February 2000 and 31 December 2014, the MODVOLC system (<http://modis.higp.hawaii.edu>) has autonomously analyzed almost 9 trillion pixels contained with almost three million MODIS images, searching for evidence of high temperature thermal signatures associated with volcanic eruptions, and making the results available via the internet. Thermal unrest, mainly associated with active lava, be it in the form of flows, domes, lakes, or confined to vents, has been detected at 96 volcanoes during this period of time. This presentation reviews some important results that have been obtained using this data set.