Detection of Electromagnetic Emissions and Thermal Anomaly of Andaman and Haiti Earthquakes

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Electromagnetic emissions and thermal anomaly will responsible for thermal fluctuations in lithosphere and ionosphere. In this paper, we have investigated two earthquakes by considering data of August 10, 2009 with Ms 7.6 for Andaman and January 12, 2010 with Ms 7.0 for Haiti earthquake.

DEMETER satellite data and NOAA (AVHRR) satellite images will give significant anomalies in these two seismo-active regions in terms of Ion temperature and density and infrared radiation temperature which increase with increasing stress beneath the surface will be correlated and summarized the lithosphere-ionosphere coupling theory with reference to these two earthquakes.

Keywords: - Electromagnetic Emissions, thermal anomaly, Ion temperature, Infrared radiations, Lithosphere-ionosphere coupling

References

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