

Interactive comment on “Radon monitoring as a possible indicator of tectonic events” by V. I. Outkin et al.

V. I. Outkin et al.

ascendent1@gmail.com

Received and published: 5 March 2013

We have kept in mind that radon emission is a local phenomena and satellite data cannot specify where earthquake occurrence may take place using active (SAR) and passive (Landsat, ASTER). We have used this as supportive evidence of remote sensing to speak of the limitations of advanced satellite monitoring and gamma spectrometry (electromagnetic radiation analysis) in the atmosphere prior to earthquake occurrence. Remote sensing methodologies are highly advanced approaches and we have specified some of the techniques we found can be suited for geospatial and in-situ geophysical information. The use of thermal mapping for measuring surface temperatures from space is well developed, and there have been some reports of surface temperature changes prior to earthquakes which is correlated with radon data analysis. We

C97

would like to thank the reviewer for correcting us on the technical specifications on the first LAND SAT system having four-channel multispectral scanner. We will make the changes as soon as possible. The system of earthquake monitoring has been set up keeping radon emission and analysis of earthquake variations. Any new finding that can be correlated with the study will be made available to the scientific community once established from our end. Pushan Dutta

Interactive comment on Earth Syst. Dynam. Discuss., 4, 93, 2013.