Development of Nanosatellite for Ionospheric Measurement for Earthquake Prediction

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Indonesia is located at equatorial region and also has long coastline that often suffer the earthquakes. In some cases, ionospheric activity level increases just before to an earthquake event and shows a different behaviour 5–10 days before the event, when the seismic event has a magnitude greater than 4–4.5 degrees. The nanosatellite development is very important to get more ionospheric data and relatively cheaper than bigger satellite.

Keywords: Nanosatellite, Circular polarization, Earthquake prediction, Ionosphere