

## Geoelectric potential difference measurements at the Nii-jima and Kozu-shima Islands

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We re-started geoelectric potential difference measurements at the Kozu-shima and the Nii-jima Islands since February 2010 under the research program of "Observation and Research Program for Prediction of Earthquakes and Volcanic Eruptions". During our previous observations of the geoelectric potential difference at the Kozu-shima Island in Japan under the RIKEN research program (International Earthquake Frontier Research program). 19 anomalous changes (ACs) were detected. Their possible relations with nearby earthquakes were statistically significant.

In the presentation, we would like to introduce our current observation systems and characteristic records before and after the M9 Tohoku EQ. At this moment, any earthquake with  $M > 3.0$  did not occur near the islands except induced seismic activities which occurred just after the M9 Tohoku EQ. We have never detected any clear AC as of January 2012.

Keywords: Geoelectric Potential, Kozu Island