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MIS008-04

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## Development of small-size field mill for detecting pre-seismic atmospheric electric field variation

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We developed a small-size field mill equipped with a data logger. Our system is to detect pre-seismic atmospheric electric field variation which may disturb ionosphere over the epicenter. The system is operated only by battery without a commercial electric power, which enables us to install them in the noise-free country side. In the presentation, we introduce a performance of our system and preliminary observation results.

Keywords: Atmospheric electric field, Field mill, Ionospheric disturbance