



## **the application of geomagnetic survey data in forecasting earthquake**

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There are 1280 field repeat stations and 46 permanent observatories consist of geomagnetic observational network in China. The data was used for drawing geomagnetic map early. Base on long term data accumulation and research results the geomagnetic data have been used for forecasting earthquake after Wenchuan earthquake (8.0Ms) in Sichuan Province in 2008. So far we have forecasted several destructive ones, especially located in north-south seismic belt in China. This paper will mainly introduce the methods which use the geomagnetic data measured regularly in field survey.