

# **THE STUDY OF RELATION BETWEEN THE GEOMAGNETIC ZERO ISOPORIC ZONE PHENOMENON AND EARTHQUAKES WITH $M_s \geq 6.0$ IN CHINA**

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We studied the zero isoporic zone (ZIZ) phenomenon of the annual rate of monthly value in spatial distribution, using the monthly values of geomagnetic network of China during 2004-2007, and found there are good correlation between the appearances of ZIZ and the occurrences of  $M_s \geq 6$  earthquake,  $M_s \geq 6$  earthquake always occurred within 9 months to 2.5 years after the appearances of a ZIZ. We also found there are many ZIZ phenomenons before Wenchuan earthquake in May 12, 2008.

ZIZ phenomenon, earthquake

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