



Eulerian component of secular variation associated with the Mw 6.3 L'Aquila earthquake sequence of April 2009

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In this paper we describe the secular variation recorded during the last one half of century (1960 - 2010) at L'Aquila Geomagnetic Observatory. The Eulerian component of the secular variation takes into account the existence of a rotation axis along which there exists some invariant parameters of the secular variations.

Here we report the anomalous behaviour of Eulerian component associated to L'Aquila earthquake sequences. A slowly changes of invariant parameters of the secular variations several months before and during the main shock are observed.