

Interactive comment on “Comment on “Non-inductive components of electromagnetic signals associated with L’Aquila earthquake sequences estimated by means of inter-station impulse response functions” by Di Lorenzo et al. (2011)” by F. Masci and G. De Luca

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Dear Referee #2, Thank you very much for your comments and suggestions. We will take into account your suggestions in the final version of the manuscript. Even if we think that the “comment” is the right type, we agree to change the manuscript in a “Brief communication” or in a “Regular paper”. However, the new version of the manuscript will remain focused on the claims of Di Lorenzo et al. (2011). A possible title could be:

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“Some comments on the magnetic signals observed by Di Lorenzo et al. (2011) close to the time of the 6 April 2009 Mw6.3 L’Aquila earthquake”.

In recent years several papers written by one of us (FM) have provided evidences that presumed earthquake precursors, which were claimed to be useful in the topic of short-term earthquakes prediction, are not real precursory signals of subsequent earthquake. In any case, the paper by Di Lorenzo et al. cannot be considered an “earthquake prediction” paper, and not even an “early warning” paper, even if the authors in the “Conclusions” of the paper affirm:

"However these results do not preclude the possibility that the electromagnetic monitoring of seismogenic areas may help to understand the physical processes associated with earthquakes, especially those preceding the seismic activity in the preparatory phase."

The aim of this sentence is to keep open the possibility to plan in L’Aquila area future studies on electromagnetic seismogenic signals. In our opinion the signals observed by Di Lorenzo et. al. 2011 are a clear examples of unreliable seismogenic signals, therefore the authors’ claims must be commented.

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