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www.nat-hazards-earth-syst-sci-discuss.net/2/C3310/2015/

Natural Hazards and Earth System Sciences
Discussions

Interactive comment on "Pre-earthquake magnetic pulses" *by* J. Scoville et al.

F. Masci (Editor)

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Dear Prof. Derr,

Thank you very much for your attention on the Open Discussion of the manuscript by Scoville et al. and for your comments on the report of Referee #1. Science can make progress only if we take into account the recent findings that, anyway, can be confirmed or refuted. This is why I suggested to Scolville and his coauthors to include in their manuscript a section in which the results by Dahlgren et al. (2014) are discussed. If a new model for the generation of electromagnetic pulses in stressed rocks is proposed to the scientific community, I think that the authors cannot ignore the results of recent laboratory experiments.

I would also like to thank you for the suggestions to the Editor. I would like to reassure

you that the process of revision of the manuscript will continue without prejudices.

Sincerely,

Fabrizio Masci

References:

Dahlgren, P. R., M. J. S. Johnston, V. C. Vanderbilt, and R. N. Nakaba (2014), Comparison of the stress-stimulated current of dry and fluid saturated gabbro samples, Bulletin of the Seismological Society of America, 104, 2662-2672.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 7367, 2014.