

Interactive comment on “Pre-earthquake magnetic pulses” by J. Scoville et al.

Anonymous Referee #1

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The authors would like to explain pre-earthquake magnetic pulses in this paper, theoretically. The largest problem of this paper is that the authors believe past works are hundred percent correct without any doubt. However, the most important point is that nobody double-checked the observed (published) signals are really correlated with the impending earthquake(s) or not. The most of claimed “pre-earthquake signals” were not authorized. The reviewer seriously considers published results are not 100% correct even they passed peer review system. This is peer review system’s defect. Recently, Nature published Japanese new type of stem cell paper (STAP cell). However submitted paper was finally withdrawn.

The reviewer also considers Dahlgren’s results and Freund’s results are well tested in Lab scale. However, real Earth’s crust is so wet as Johnston and Editor suggest. It is necessary large circuit in a crust to produce a large magnetic signal. This does not

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proved yet.

Unfortunately, the reviewer does not follow all equations because of lack of time. Someone must check the mathematics, also.

In conclusion, It is better to rewrite drastically, or once withdraw because even the editor made misunderstandings a few times.

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

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