



Interactive
Comment

Interactive comment on “Electromagnetic signals of crust creep motion” by V. N. Uvarov et al.

V. Sallarès (Editor)

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Dear Authors We have now received the comments of two reviewers. One is rather positive but the second is negative and does not recommend publication. My feeling when I first readed your m/s (see comment below) was very similar to that of the second reviewer. I agree with him that your m/s should be deeply reworked, concerning not only the shape but also the contents, before being considered for publication in SE. According to this I do not recommend the publication of your m/s in its present form. In case that you decide to re-submit the m/s to SE once again in the future please take into account all the comments made by the reviewers, answer them point-by-point, and include the modifications proposed. Sincerely, V. Sallares Topical Editor SE

Initial comment by Topical Editor (24 Jan 2011)

Dear Authors, I have read your manuscript with interest. Even if I am not an expert

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on EM techniques, I was curious about this method that you call “seismoelectromagnetism”. After having read it a couple of times, I think that the topic and results could be suitable for publication in Solid Earth, but even though, I do not think that it can be published as it is in the SE Discussions. The reasons for my decision are the following ones: first, I do not think that the manuscript is written in reasonable English. A significant effort should be done to improve it. The best is probably contacting a native English speaker who is willing to cleanse and clarify the text. Second, references to previous work are lacking in most of the text (there are only several ones in the introduction), so it is difficult to ascertain at first glance what is really new and relevant in your work. Finally, you should elaborate more in your main results and conclusions. You say that some of the recorded signals are probably associated with “sources of lithospheric origin as crust creep motion” and you finally conclude that “the proposed registration method can be used for monitoring of geodynamic activity to predict earthquakes”. The previous assertions appear to be solely based in the fact that “there are not visible objects that can be the sources of such signals” but you do not give any additional –positive- explanation to justify these far-reaching conclusions. In summary, I encourage you to improve the manuscript solving the above-mentioned issues before sending it again to Solid Earth.

Interactive comment on Solid Earth Discuss., 3, 335, 2011.

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