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> Interactive Comment

Interactive comment on "Spatial analysis of oil reservoirs using DFA of geophysical data" *by* R. A. Ribeiro et al.

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I think the following references are missing: Lovejoy and Schertzer, Scaling and multifractal fields in the solid earth and topography, Nonlin. Proc. Geophysics 14, 465-502, 2007. Dashtian et al., Scaling, multifractality and long-range correlations in well log data of large scale porous media, Physica A 390, 2096-2111, 2011.

Furthermore, DFA is popular but this method is not a generalization of Hurst analysis; it is only another method, very similar to structure functions. In this paper a Fourier power spectrum is missing, in order to detect precisely the scaling properties of the data, as well as the larger and small scales limits of the scaling range.





Interactive comment on Nonlin. Processes Geophys. Discuss., 1, 877, 2014.