



Interactive comment on “New developments in the analysis of volcanic pyroclastic density currents through numerical simulations of multiphase flows” by S. Lepore and C. Scarpati

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The paper is now more comprehensible with the changes introduced by the authors. The equations of conservation were needed before the definition of terms involving the treatment of turbulence. The specification of initial and boundary conditions of Table 1, with the added stress on the motivation of the work (the comparison between PDF from strombolian to plinian eruption) makes the article clearer.

Interactive comment on Solid Earth Discuss., 4, 173, 2012.