

Interactive comment on “Atmospheric significance of aeolian salts in the sandy deserts of northwestern China” by B.-Q. Zhu

Anonymous Referee #1

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General comments: Inorganic salt deposition in arid area have complicated formation mechanisms in different geomorphologic units. This paper develop a new method to reconstruct paleo-environmental histories in arid conditions. The topic suits well with the journal Solid Earth, the method is attractive. The results is interesting, and the manuscript is easy to read. However, the manuscript cannot be published in current version.

Specific comments: Page 3412, Lines 11, the word “iimplications” have a minor mistake of double “i”. “Alashan Plateau” should be “Alex Plateau” . Page 3412, Lines 18, “Badanjilin Desert” should be “Badain Jaran”. Figure 5, it is suggested to enlarge the label in Figure 5. Page 3415 Lines 25 – Page 3416 Lines 19, the results show the date hold great uncertainty. It is suggested to discuss the uncertainty in different locations.

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Interactive comment on Solid Earth Discuss., 7, 3409, 2015.

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