

## ***Interactive comment on “Soil wind erosion in ecological olive trees in the Tabernas desert (S.E. Spain): a wind tunnel experiment” by Carlos Asensio et al.***

### **Anonymous Referee #2**

Received and published: 5 June 2016

**General comments** In this article, based on the field wind tunnel simulation experiments, using a variety of observation device, the three soils' wind erosion loss in the olive groves row spacing before and after cultivation was analyzed in aspects of soil mechanical and chemical composition, the reason of wind erosion changes before and after cultivation and difference among the three soils was explained, a countermeasure was put forward finally. **Specific comments** In terms of words, 1) Abstract should focus on research results, not objectives of experiment; 2) Results is too obscure, is lack of hierarchy and coherent, only explanations for the table or chart; 3) Discussion is too simple, should be comprehensive analysis combined with the data. **Technical corrections** Some details about experiment weren't given in this paper. 1) What kind of crops

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was planted in the inter-row, what time was the land cultivated; 2)How about the size of the wind tunnel experiment plots and the relative position of equipment layout; 3) What observation height wind speed adopted in this experiment in weather stations? Was the wind speed being converted by wind profile? 4) How about the wind tunnel boundary layer thickness, and the width of tunnel wall interference?

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Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-65, 2016.

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