

Interactive  
Comment

***Interactive comment on “A multifractal approach to characterize cumulative rainfall and tillage effects on soil surface micro-topography and to predict depression storage” by E. Vidal Vázquez et al.***

**A. M. Tarquis (Editor)**

anamaria.tarquis@upm.es

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I think that the authors are presenting a very nice piece of work but the manuscript will improve and the readers will understand much better if these questions and answers are in somehow added.

- Is possible to measure field roughness at a better resolution? Do you know if someone has done this yet?
- Wich is the importance of remove the tendency of the data and why to use a traditional

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method to remove the tency based on Currence and Lovely, 1970?

- Why these tillage methods were choosen and why do you compare "primary tillage" with the other two tillage operations?.

- Wich is the meaning of temporal water storage at the microdepresions as a management factor in Brasil to reduce erosion? Does it been used to evaluate also biogeochemical processed associated?

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Interactive comment on Biogeosciences Discuss., 7, 2099, 2010.

**BGD**

7, C1601–C1602, 2010

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