

Interactive comment on “Biochar increases plant available water in a sandy soil under an aerobic rice cropping system” by M. T. de Melo Carvalho et al.

Anonymous Referee #1

Received and published: 27 March 2014

Dear author:

The paper is well presented and the paper present an interesting study about the influence of biochar on WRC. Nevertheless, it is necessary to improve some aspect of the paper:

1. Material and methods: although the model is well described, the methods to determine experimental data are not described. For example, authors must explain how is determined soil bulk density or residual soil moisture.

Also, you should described the equipment used to make the biochar images

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2. It must de added a table with the initial properties of the soil and also of the biochar and relate with the results.

Questions

1. Do you think that this type of biochar can have a positive effect on clay soils?
2. If biochar will be prepared at lower temperatures, do you think that the effect will be better or not? Why do you chose this temperature?

Interactive comment on Solid Earth Discuss., 6, 887, 2014.

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