

## ***Interactive comment on “Does thermal carbonization (Biochar) of organic material increase more merits for their amendments of sandy soil?” by Y. Wu et al.***

### **Anonymous Referee #1**

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1. It would be necessary to improve the introduction with more references about the use of biochar in similar soil in China and other parts of the world.

Why do you use a sandy soil?

2. Authors should explain better what is furfural in the introduction and its actual uses.

Why is a good idea to make biochar from furfural? You should give some reasons in the text.

3. Why do you chose the next pyrolysis conditions? 4h carbonization under 300°C.

4. Describe all the methods that you have used in the paper.

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5. Also, it could be a good idea to add the proximate analysis of biochar (fixed carbon, volatile matter, ash).

6. Do you think that is it a good idea to add a material with an acid pH to this type of soil?

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Interactive comment on Solid Earth Discuss., 6, 535, 2014.