

***Interactive comment on “Pyrite oxidization accelerates bacterial carbon sequestration in copper mine tailings Type of contribution” by Yang Li et al.***

**Anonymous Referee #1**

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1. the section of 2.1 should include more details about the soil sampling. 2. The experiment treatments was also not clear. From section 2.2, we can't judge how many treatments were set. Please specify. Moreover, what's samples were conducted qPCR, sequencing and cloning were also confused. 3. For section 4.1, authors only described how Carbon sequestration in mine tailings but without any discussion Combining with your own data.

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Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2018-370>, 2018.