

***Interactive comment on “Simulating Carbon Sequestration using Cellular Automata and land use assessment; Case of: Karaj City, Iran” by Ali Khatibi et al.***

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The article represent a fair contribution to scientific progress within the scope of this journal. The scientific approach and applied methods should be explained better, the validation of the model is missing. The explanatory variables that were used are not exhaustive, so they need to explain why these variables were selected. Also there is a need to justify why this site was chosen, to contextualize the importance of the work. The scientific results and conclusions presented are in general clear, but there are some further work to be done, for example, in the units of carbon. The manuscript should be accepted after major revision. I would NOT be willing to review the revised paper because sadly I do not have time now. But I hope this work could be improved

C1

and published.

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Interactive comment on Solid Earth Discuss., doi:10.5194/se-2017-20, 2017.

C2