

## ***Interactive comment on “Simulating soil organic C dynamics in managed grasslands under humid temperate climatic conditions” by Asma Jebari et al.***

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We would like to thank the reviewer for the consideration of our work and for requesting to individually respond to all referee comments. The authors would like to acknowledge the valuable points mentioned and the great feedback received from the reviewer's comments, which would help to improve the paper's readability and potential relevance for the scientific community. Although we understand that this is not mandatory at this stage, we considered all suggested modifications and they were dealt with and partly or totally included to a new version of the manuscript.

The changes to the text suggested by the reviewer within the 'specific comments' sec-

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tion are very much valuable and will improve the model readability and relevance. All suggested modifications were included to a new version of the manuscript although it is not mandatory at this stage.

Attached you will find a pdf document "soil-2020-76-supplement" with our answers to all the comments as well as the modified figure 2.

Please also note the supplement to this comment:

<https://soil.copernicus.org/preprints/soil-2020-76/soil-2020-76-AC2-supplement.pdf>

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Interactive comment on SOIL Discuss., <https://doi.org/10.5194/soil-2020-76>, 2020.

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