

Interactive comment on “Application of a new productivity coupling hydrothermal factors (PCH) model for evaluating net primary productivity of grassland in Southern China” by Zheng-Guo Sun et al.

Anonymous Referee #1

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Minor revision:

-I suggest to start the introduction with a broader description of the role of grassland on the ecosystem and on the role of soil system (Brevik, et al., SOIL, SOIL, 1, 117-129, doi:10.5194/soil-1-117-2015, 2015; Keesstra, S. D., et al., SOIL, 2, 111-128, doi:10.5194/soil-2-111-2016, 2016.) -Was the model validated in other different areas? Explain this in the constrain or strenght of the model -Highlight the novelty of this model in comparison to others models (Gill et al., 2002) -Line 158 avoid to start the sentence with fig.5 -Line 188 add a space after .

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