

Responses to the comments of Editor

Comment 1: Your reference list includes works "in review". Such works can be cited upon submission if being available to the reviewers. They should not be cited in the final, accepted manuscript, unless published, accepted for publication, or available as preprint with a DOI. With the next file upload request, please provide the text for the Short summary in English language and make sure not to exceed 500 characters incl. spaces.

Reply: We replaced the reference that are accepted with the review one (See Line 68, 510-511). And we provide the short summary in English: An increase of 28% in cropland expansion since 10,000 BCE has led to a 1.2% enhancement in the global cropping potential, with varying efficiencies across regions. The continuous expansion has altered the support for population growth and has had impacts on climate and biodiversity, highlighting the effects of climate change. It also points out the limitations of previous studies.