Author's Response

Modelling framework for asynchronous land-atmosphere coupling using NASA GISS ModelE and LPJ-LMfire: Design, Application and Evaluation for the 2.5ka period

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Authors Responses to the final comments are as given below in blue text.

1) Your "Short summary" in the MS records (database) contains scientific abbreviations. Please provide at least one written-out version to make it better understandable for non-experts. Please remember that there is a character-limitation for the short summary text of max. 500 characters (including spaces).

- We have revised the "short summary" as pasted below

"*This study presents an experimental framework for asynchronous land-atmosphere coupling to include biogeophysical feedbacks using a dynamic vegetation model with an Earth system model that lacks a fully dynamic vegetation component. The framework is implemented for the 2.5 ka period and also illustrates the role of model performance metrics (bias, variability), while evaluating the simulated climate against the multi-proxy paleoclimate reconstructions.*
"

2) Some figure panels of your supplement figures are included separately with their own captions. This will be unacceptable in the final paper. Please use a single figure caption and do not separate into different captions for the figure panels.

- Figure numbers and captions are revised as per Journal's guidelines.