Interactive comment on “Development and testing of scenarios for implementing Holocene LULC in Earth System Model Experiments” by Sandy P. Harrison et al.

Anonymous Referee #1

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This paper outlines planned work under the auspices of the LandCover6K working group to generate new estimates of Holocene land use/land cover (LULC) for use in climate model experiments. The proposed framework is novel in several regards, including explicit incorporation of archaeological information into the land cover estimates (e.g., 14C population estimates) and verification of the reconstruction using independent pollen networks and carbon cycle model simulations coupled with atmospheric CO2 estimates from ice cores.

I confess, this is a difficult manuscript to judge because it really is just a proposal. All these ideas outlined are great and, if executed, I believe will make significant contri-