Review of "Improved Permafrost Soil Representation in a Dynamic Global Vegetation Model Enhances Simulations of Carbon Dynamics and Vegetation Structure in Boreal Forests of Northeast China" (egusphere-2026-870)

General comments:

Yang et al. thoroughly addressed the comments and suggestions received from both referees in the first review round.

Their edits clarified the scope of the implemented model developments, and they also expanded on the potential limitations of their approach in the "Model limitations and future directions" section. The revisions help to understand how the increased soil layering resolution affected soil temperature and hydrology and indirectly vegetation dynamics.

In its current state, the manuscript explains the rationale, implementation and evaluation of their development in sufficient detail to be beneficial to the research community. I suggest the article to be published as is.