

Minors:

1. Use an em dash (—) in line 20 rather than a hyphen (-).
2. Fig. 4 caption, please clarify the sentence as following: “Multi-model mean DJF SLP spatial pattern for NAO (hPa) in each experiment (**shadings**, left column) and ensemble variation (right column), ...”. The same for Fig. 6.
3. Fig. 6, Could you add notes about why there are large areas of gaps in the temperature fields?
4. Typos in line 278: “the N. Atlantic Ocean between 40°N and 65°N” should be “the **North Atlantic** Ocean”.
5. For the title of Section 6 (currently “NAO Amplitude Changes and Associated Climate Teleconnections”), I apologies for the misunderstanding. I suggest keeping only “Associated changes in the climate teleconnections” because “NAO amplitude changes” overlaps with the focus of the section 5.
6. Line 395: “while the enhanced NAO in the abrupt4xCO2 causes a warmer and wetter northern Europe as compared to the piControl”. This statement is debatable. On the one hand, the authors show that the northern Europe mean temperature is “warmer” (Fig. 3 j), and there seem to be a positive correlation between changes in the NAO amplitude and changes in the Northern Europe temperature (Fig. 8a); On the other hand, the temperature pattern associated with the NAO doesn’t show a “warmer” northern Europe, but a “cooler” northern Europe (Fig. 6g). In this case, I will avoid using strong causal wording such as “causes”.