

Thank you very much for the careful checking of our paper. All comments have been taken into account:

- p.2, l.5: ", unresolved diversity" for "and unresolved diversity": *done*.
- p.4, l.16: change "addtional" for "additional": *done*.
- p.6, l.2: define "SD" the first time it appears in the text: *This was spelled explicitly as "standard deviation" in the original version of the manuscript, and changed to SD by the technical editing of GMD.*
- p.6, l.15: define "AR(2)": *done (in line 3 and 6)*.
- p.17, l.11: change "increase" for "increases": *done*.
- p.17, l.13-17 and on Fig 3: define "SPUF" and make the relation with the text: *yes sorry, we forgot to remove this acronym from the figure, this is now done.*
- p.19, l.1: change "increasse" for "increase": *done*.