

**Technical changes on the paper “Joint evolution of irrigation, the water cycle and water resources under a strong climate change scenario from 1950 to 2100 in the IPSL-CM6”, in the Earth System Dynamics journal.**

We thank the editor for accepting the paper. We addressed the use of the word “significant”, so it refers to statistically significant. To do so:

- We changed significant by important in line 21 of the second round review
- We changed significant by important in line 34 of the second round review
- We changed significant by important in line 162 of the second round review

We also corrected two typos:

- We corrected a typo “significantly” by “significant” in line 320 of the second round review
- We corrected “run” by “ran” in line 570 of the second round review

Finally, we changed “Code” to “Code and data”, and we added a reference to the dataset used in the study and available in a zenodo repository in line 574. The corresponding reference was also added to the references list.