



EGUsphere, author comment AC1
<https://doi.org/10.5194/egusphere-2022-387-AC1>, 2022
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Reply on CEC1

Yona Silvy et al.

Author comment on "A modeling framework to understand historical and projected ocean climate change in large coupled ensembles" by Yona Silvy et al., EGU sphere,
<https://doi.org/10.5194/egusphere-2022-387-AC1>, 2022

Dear Editor,

We apologize for not complying with the Code and Data Policy and thank you for reminding us what to do.

We have now added a License file to our code, and created a DOI with Zenodo:
[10.5281/zenodo.6855913](https://doi.org/10.5281/zenodo.6855913).

We are currently working on making input files from the coupled model accessible. All our experiment inputs in fact come from a coupled model control run (IPSL-CM6A-LR). This model configuration is the one published for the CMIP6 exercise and described in the paper by Boucher et al. (2020) :

<https://onlinelibrary.wiley.com/doi/abs/10.1029/2019MS002010>. We use exactly this configuration to run the coupled model. The coupled model's outputs are then used to force the ocean component alone. These outputs from the coupled model are extremely heavy in terms of data storage and cannot be made available, but the coupled model configuration is as described in Boucher et al. (2020) without any modifications. We will try and make that clearer in the revised version of our manuscript, with links to the coupled model's configuration and description.

We hope that this satisfies your request.

Sincerely,

Yona Silvy & co-authors