



EGUsphere, chief editor comment CEC2  
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## Reply on AC1

Juan Antonio Añel

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Chief editor comment on "Ocean Modeling with Adaptive {RE}solution (OMARE; version 1.0) – refactoring the NEMO model (version 4.0.1) with the parallel computing framework of JASMIN – Part 1: Adaptive grid refinement in an idealized double-gyre case" by Yan Zhang et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-510-CEC2>, 2022

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Dear authors,

First, many thanks for your reply. I sincerely thank your thoughtful comment. We understand the situation. Providing the code can be considered to comply with our policy; however, the use of closed platforms or software for scientific research continues to violate scientific replicability. I understand that a company like NVIDIA is providing private software (an unfortunate outcome of the current software business model); however, it is not clear to me at this point what prevents JASMIN developers from releasing their code. As you state in your reply, some of you are affiliated with IAPCM; therefore, I would like to know why these authors can not release JASMIN or why they can not ask the IAPCM to do it.

Beyond this, if there is a good reason that makes it impossible to publish JASMIN, please, indicate the exact JASMIN version used for this work. Also, we need to have evidence that you will store it internally (ideally with a DOI) to be sure that the future reproducibility of your work is not compromised.

As a personal comment, if JASMIN is not published finally, I recommend you avoid using such software for future research, as it does not comply with the principles of the scientific method.

Best regards,

Juan A. Añel

Geosci. Model Dev. Executive Editor