

Interactive comment on “A 1-D examination of decadal air–sea re-equilibration induced ocean surface anthropogenic CO₂ accumulation: present status, changes from 1960s to 2000s, and future scenarios” by W.-D. Zhai and H.-D. Zhao

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I first read Zhai and Zhao manuscript five weeks ago. After much struggling through it, I concluded that this is a quite informative writing on an old but quite interesting topic. I felt the authors made a good progress along the line of previous works using recently available surface mapping results of pCO₂. I also believed the technical approaches are sounds (I had a few email exchanges with the lead author on technical details). But

C6193

I hesitated to write my recommendations on what path they should take to improve this paper. I now read the other referrer's suggestion and believe that is a good one – to make this paper a combination of a mini review of historical contribution (literature), recent context (OA research made it even more important and interesting) and progresses, and their own new contribution. Also, they should strive to make it flow better and easier to read. Finally, getting a professional English editorial service is highly recommended. Wei-Jun Cai

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C6194