

Interactive comment on “WOCE-Argo Global Hydrographic Climatology” by Viktor Gouretski

V. Gouretski

viktor.gouretski@uni-hamburg.de

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I am very thankful for the detailed comments on the submitted manuscript. The following changes have been done:

1. It is explicitly noted in the text now (end of section 1) that the inclusion of the Argo data is NOT the novel feature of the WAGHC climatology. The title and the name of the gridded data set simply stress the importance of the Argo data.
2. I have changed the NODC to NCEI in the Introduction.
3. The sentence was changed.
4. The difference between the total number of profiles in the WOD13 and the number of profiles retained in the WAGHC is explained now.

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5. I have added the following sentence: "The implementation of the manual quality control was restricted only to several areas in the Arctic Ocean with very poor data coverage".
6. I note in section 9.3 that the WOA13 has 1984 as the median year. This is different to the variable (with depth) median year for the WAGHC climatology (see fig. 6)
7. I have added a piece of text in the end of Section 9.1 with the reference to the respective 1/10-degree resolution climatology produced by NCEI for the Northwestern Atlantic. The comparison with that climatology could be the topic of another work.
8. I have added a piece of text regarding the choice of the spatial resolution in the end of the section 2. I have also included the reference to the work by Boyer et al (2005) where a more detailed elaboration on the issue can be found.
9. Thank you for pointing to this obvious error. We have changed the text respectively.
10. I have tried to do my best in proving the text again.

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