

Interactive comment on “A global compilation of in situ aquatic high spectral resolution inherent and apparent optical property data for remote sensing applications” by Kimberly A. Casey et al.

Anonymous Referee #2

Received and published: 6 November 2019

Casey et al. provide a well-documented and clearly organized dataset of IOP/AOP covering a diverse range of oceanic environments. I encourage the publication of this dataset. It will be extremely beneficial as planned satellite missions become a reality. Just a couple comments to the authors- 1. I suggest paying special attention to your use of “resolution” in the manuscript as it can be misinterpreted in many of its meanings. 2. For Figure 4, consider rearranging subplots to transition geographically, or perhaps organize by the range on the y-axis as it would aid the user/reader in comparing the various regions. Additionally, including a subplot of the map similar to Figure 3 on this Figure would also help with clarity.

C1

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-105>, 2019.

C2