

Comment on essd-2022-159

Francis Gohin

Community comment on "A compilation of global bio-optical in situ data for ocean colour satellite applications – version three" by André Valente et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-159-CC1>, 2022

Providing easy-to-use datasets to a wide community is an excellent initiative. Regarding the file of chlorophyll concentrations, Ifremer's data are available through the ices collection (stations of the french coastal REPHY network, up to 2007) and through the mermaid collection. In this latter group, mermaid_MAREL-carnot, mermaid_MAREL-itroise and mermaid_MAREL-vilaine data are derived from fluorescence measured at the MAREL instrumented buoys. Although most of these MAREL data are of good quality I would suggest suppressing them as they are not free of errors, particularly in case of biofouling of the sensors.