

Earth Syst. Sci. Data Discuss., referee comment RC2
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Comment on essd-2022-189

Giorgio Dall'Olmo (Referee)

Referee comment on "The HYPERMAQ dataset: bio-optical properties of moderately to extremely turbid waters" by Héloïse Lavigne et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-189-RC2>, 2022

Review of "The HYPERMAQ dataset" by Lavigne et al

by Giorgio Dall'Olmo (gdallolmo@ogs.it)

General comments

This manuscript describes a dataset of optical properties (both apparent and inherent) and co-located measurements of turbidity, phytoplankton pigment and suspended matter concentrations. The dataset focuses on turbid productive waters.

Overall the manuscript nicely supports the dataset by describing its main features. The dataset is unique as it has been collected in strongly turbid and productive water bodies in different continents. The dataset appears to be of high quality and so is the manuscript describing it.

Specific comments

I have very few and minor specific comments in the attached pdf.

Please also note the supplement to this comment:

<https://essd.copernicus.org/preprints/essd-2022-189/essd-2022-189-RC2-supplement.pdf>