Interactive comment on “Diversity II water quality parameters for 300 lakes worldwide from ENVISAT (2002–2012)” by Daniel Odermatt et al.

Anonymous Referee #1

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General assessment This manuscript describes several ways/approaches to obtaining water parameters for the Diversity II water quality dataset. The authors used a large amount of satellite images to generate the dataset. It is of high value for application. Definitely, we can produce geophysical data from satellites. Of high concern is how the data accuracy is. It is very necessary to document the data accuracy with at least one index. Without the document, users cannot guarantee the reliability of his/her analyzed results. Technically, the algorithms used are threshold dependent that often artificially determined. The threshold may vary with images (Liu et al. 2012). It is logical to briefly clarify the data accuracy with the threshold issue for readers to use the dataset.

