

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

**Daniel Odermatt et al.**

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Dear Professor Huettmann,

Thank you very much for your feedback and for organizing the review process.

Please consider the validation report mentioned in the reply to reviewer 1 and our suggestions for the content of a product accuracy chapter. Concerning the use of physical metrics, we think your suggestion could be a pragmatic approach to prevent false expectations in terms of absolute accuracy. However, all the retrieval methods we used were developed and published by other scientists, and the output values are by their definition concentrations. I think the situation is comparable to the use of fluorescence probes, which measure an optical quantity that is related but not equal to

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pigment concentration. Nevertheless, the output data is in pigment concentration units, because the signal interpretation procedure is defined to retrieve them.

I'm looking forward to your reply, and I'm committed to faster responding in the future after managing a job change in the past weeks.

Best regards, Daniel

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