

# Review of: "Algal bloom monitoring in Koka Reservoir, Ethiopia: Application of satellite remote sensing algorithms"

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**Potential competing interests:** No potential competing interests to declare.

## Major comments:

- It would help a lot if the relationships between FAI / NDCI and phytoplankton were explained in the introduction part. In other words, the objective of this paper is not that clear to me.
- It seems that the authors regard FAI as a benchmark when talking about the results, but there is no clear evidence showing its advantage over NDCI. Validations using in situ Chl might help.
- It would be interesting to see changes of FAI in time series.

## Minor comments:

- There are several typos, for instance, in the conclusion part, "NDCL" should be "NDCI". Also, in the caption of Figure5, "FDI" should be "FAI".
- In the "Methods" part, "area" needs to be added to "Description of the study".
- In Figure2(a), it's better to add a 1:1 line for comparisons between a same variable.