

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.

1. The author should shorten the opinion in the abstract, and say a lot for the result, especially for the result between FAI and NDCI, furthermore, what about linear regression coefficient?
2. The sentence "The thermal infrared sensors aboard the Landsat satellites, operational since 1984, can also perform retrospective analysis and monitor the surface temperature of small to medium-sized lakes and reservoirs every two weeks (Sharaf, 2021)." two weeks should be 16 days.
3. The sentence "GEE provides Level-2 products for OLI and MSI images and can be used without atmospheric correction." The Level-2 product is an atmospheric correction product.
4. Fig. 5 **Figure 5.** (a) Comparisons of MSI-derived NDCI to OLI-derived FDI. The FDI should be FAI
5. FAI may have good performance at inversion Chl-a. The author should compare the performance of this between FAI and NDCI.
6. This study is of great significance to monitor cyanobacterial bloom at Koka Reservoir and the discussion was deep.