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Mobile device application for monitoring cyanobacteria harmful algal blooms using Sentinel-3 satellite Ocean and Land Colour Instruments

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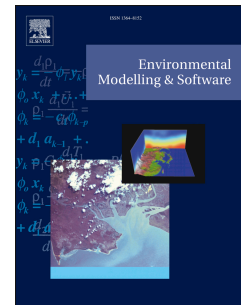
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Highlights

- Cyanobacterial blooms (CyanoHAB) are a human and ecological health concern.
- CyanoHABs are infrequently monitored to provide needed management information.
- The CyAN mobile app provides passive access to satellite data and basic analysis.
- Quantitative comparison against 2017 state advisories demonstrated app capability.
- CyAN app delivers spatial and temporal information on cyanobacteria concentration.

Software availability

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