















Currently



Play with data - Making experimental visual assessment based on RGB imagery, SDD and HAB indicator, which enables to catch the bloom period...



... statistically must be confirmed and published!!!

Conclusions

- There are methodological *limitations*, in particular the spatial and temporal scarcity of the in-situ monitoring
 needed to enhance the validation results of remote sensing algorithms developed for quantification of Chl-a and other
 qualitative parameters.
- However, the outcomes of <u>HAB algorithm are reliable</u> and in conjunction with Chl-a, SDD and the RGB remote sensing data shows the water bloom.



Hence, at this stage
we confirm that <u>Sentinel-3 OLCI</u> daily scenes and the EOAPP
processing platform are feasible to detect the algae bloom period
(based on HAB indicator) and so,
envisaged these technologies to be included in the further
monitoring system of Lake Sevan.

