

MOBILE APP FOR DETECTING AREAS  
SAFE FROM CYANOBACTERIA



BALTIC  
SAT  
APPS





Some algae produce powerful toxins that can kill fish, shellfish, mammals and birds, and may directly or indirectly cause illness in people. The human illnesses caused by HABs can be debilitating or even fatal.

Swimming and fishing in water with high levels of cyanobacterial is forbidden and every year beaches are being closed for some time.



# BALTIC SAT APPS





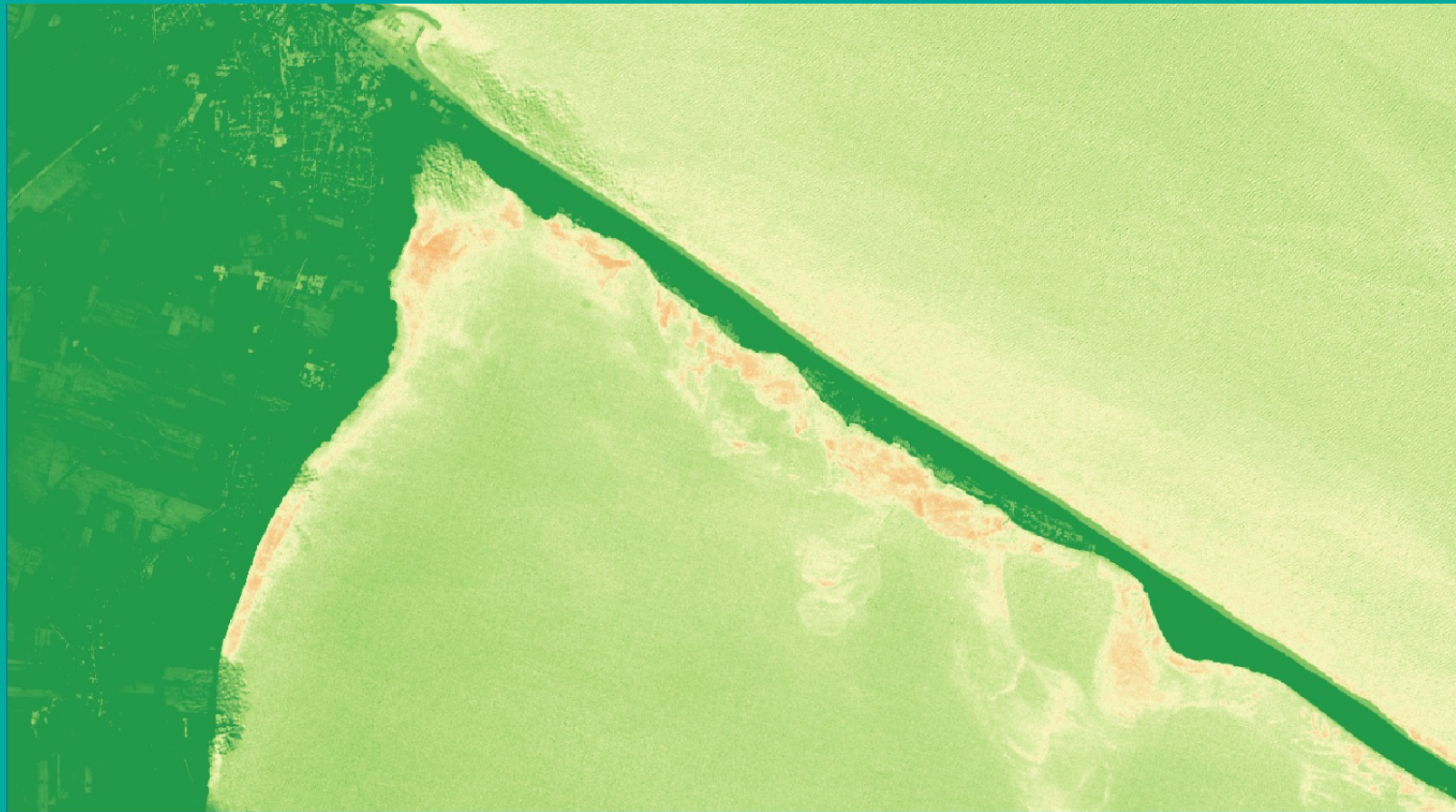
**You no longer have to come and see if the beach is safe for yourself.  
Mobile App will show you where you can swim or fish safely.  
You are safe and don't have to lose time driving around.  
Plan your holidays knowing where is no danger.**

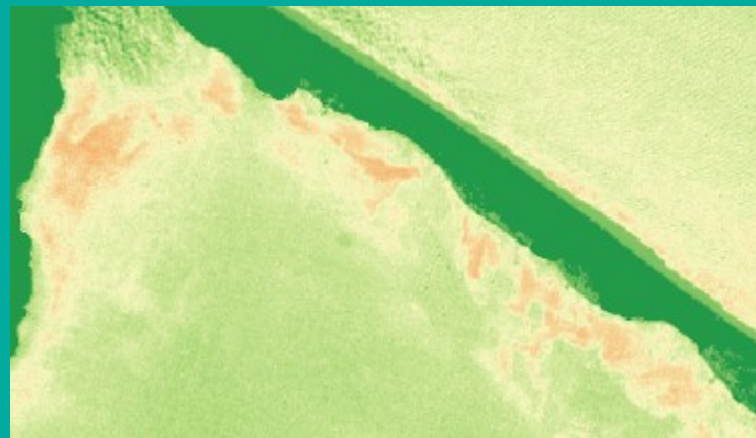
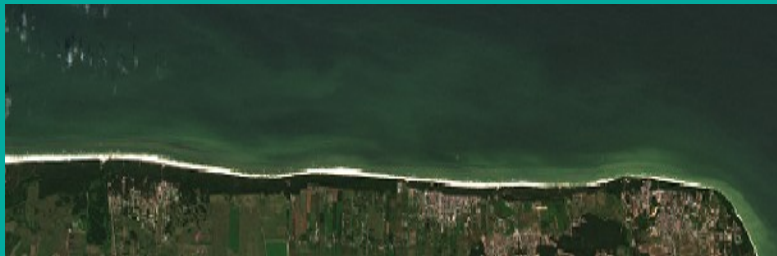


**Based on your localization App will send warnings if water is becoming dangerous.**

**You can also choose beach you want to check.**

**Based on chemicals in the water App can provide you with predictions where algae will bloom in close future.**





Data from Sentinel II can be used to show where algae is blooming and concentration of it.

Infrared light shows where the most concentrated blooming is.





# Thank you!

Team Eagle

