

Earth observation for SDG indicator 6.3.2

“Proportion of bodies of water with
good ambient water quality”

The UNEP World Water Quality Alliance (WWQA) Earth observation workstream presents the EO pathway for SDG 6.3.2 project. This short-term seed project is funded by the WWQA and is a collaboration of academics, private companies and volunteers.





Earth observation (EO) is an under-realized tool to increase spatial coverage and temporal consistency in waterbody level reporting. The aim of this project is to **define the pathway to SDG-ready EO data for indicator 6.3.2**. The project will include 3 activities that will set the direction for a future global tool that can really make a difference.



1. CO-DESIGN

Define the pathway to awareness, trust and acceptance of EO by local SDG focal points and decisionmakers. Engaging with stakeholders to co-design the final results and better understand capacity barriers and reluctance to EO uptake. An insight report will help guide future work in the region or adapted for other regions.



2. INDICATOR DEVELOPMENT

Define the pathway to a globally scalable EO indicator for SDG 6.3.2, through demonstration for a transboundary waterbody. An EO indicator will be developed using 'state-of-the-art' knowledge of water optics, integrating various water quality parameters into a composite index, delivered with transparent and accessible metadata.



3. USER DASHBOARD

Define the pathway to creating a user dashboard that instantly generates SDG-ready EO information with national relevance, as a potential add-on feature to the existing SDG Water Quality Hub. Definition of user profiles and customisable features will help to ensure the dashboard is fit-for-purpose and sustainable over time.