

Global Water Quality Analysis and Service Platform



Improving water quality is one of the greatest global societal challenges and consequently a key topic in the UN 2030 Agenda for Sustainable Development. The preservation and improvement of water quality is particularly anchored in the Sustainability Goal 6 “Ensure availability and sustainable management of water and sanitation for all”.

Photo: André Künzelmann, UFZ

GlobeWQ

Global Water Quality & Analysis Platform

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Web: www.globewq.info

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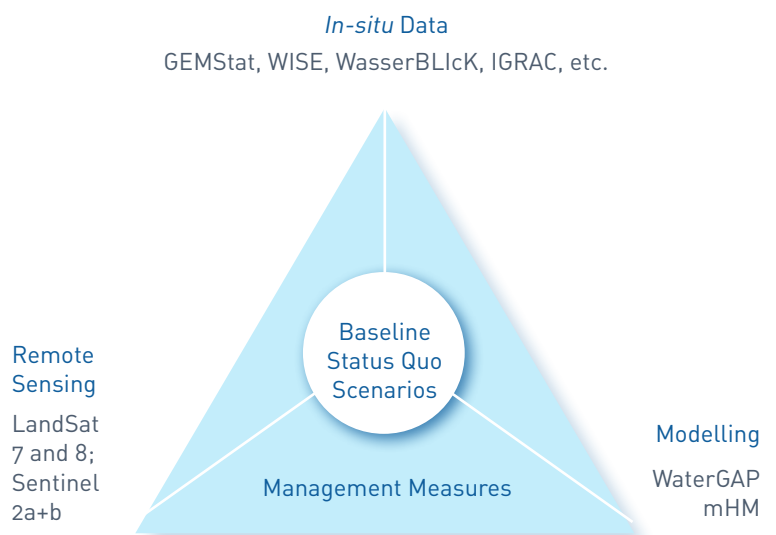
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Strategies and measures to reach this goal require coherent determination, analysis and visualization of water quality from regional to global scales. The GlobeWQ project will deliver a prototype for such an analysis and service platform.

The main objectives of GlobeWQ are:

- Develop, test and – in exemplary ways – apply an integrated and cross-scale analysis and evaluation methodology for water quality of surface and groundwaters;
- Provide novel data synthesis of *in-situ* measured, modelled and remote sensing based information;
- Identify existing and developing threats to water security with focus on water quality.

GlobeWQ is embedded in the **World Water Quality Alliance** led by the UN Environment Programme with the challenging task to compile a World Water Quality Assessment by 2023 on current and future freshwater quality. The GlobeWQ project is a direct continuation of the pre-study that resulted in a snapshot of world’s water quality and a roadmap for a worldwide assessment.



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