

# 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

The GlobeWQ project is financed by the BMBF funding measure Water as a Global Resource (GRoW) supervised by Projektträger Karlsruhe (PTKA), Division for Water Technology.

Web: [www.globe-wq.info](http://www.globe-wq.info)

Project number: 02WGR1527A

Duration: 01.10.2019 – 30.09.2022

Partners:

- **Helmholtz Centre for Environmental Research – UFZ**, Magdeburg & Leipzig  
Lead: Prof. Dr. Dietrich Borchardt  
Contact: Dr. Ilona Bärlund
- **Ruhr-Universität Bochum (RUB)**  
Contact: Prof. Dr. Martina Flörke
- **EOMAP GmbH & Co. KG**, Seefeld  
Contact: Dr. Thomas Heege
- **Terrestris GmbH & Co. KG**, Bonn  
Contact: Hinrich Paulsen

Strategic Partners:

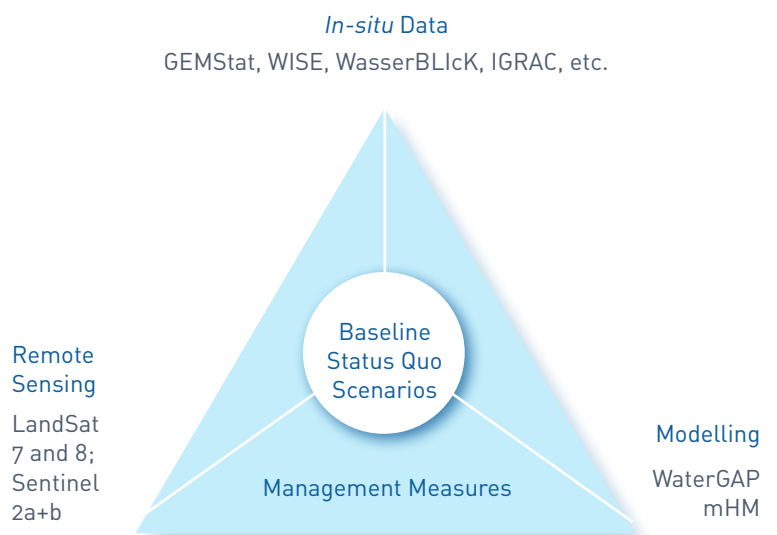
- **UN Environment Programme (UNEP)**  
Contact: Dr. Hartwig Kremer
- **German Environment Agency (UBA)**  
Contact: Dr. Lilian Busse
- **European Environment Agency (EEA)**  
Dr. Stéphane Isoard
- **International Centre for Water Resources and Global Change (UNESCO)**  
Contact: Dr. Philipp Saile

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.



SPONSORED BY THE

