

GlobeWQ Data Policy

(Version 10/03/2022)

Purpose and Scope

This Data Policy has been developed for the GlobeWQ Project (www.globewq.info) which is funded by the German Bundesministerium für Bildung und Forschung for a duration of three years between 01.10.2019-30.09.2022. Within the project a prototype of the GlobeWQ-Global Water Quality Analysis and Service Platform is developed (hereafter GlobeWQ platform). It is intended to integrate the GlobeWQ platform into the data infrastructure of the Helmholtz-Centre for Environmental Research - UFZ to ensure a further development and maintenance of the platform beyond the duration of the GlobeWQ project. Therefore, this data policy applies for the GlobeWQ platform independently from the GlobeWQ project.

The data policy of the GlobeWQ is aligned with the principles on research data management agreed upon by the Helmholtz Association (<https://www.ufz.de/index.php?en=46573>).

Principles

The principles of the GlobeWQ data policy shall support, promote and enable

- the full, free and open access to GlobeWQ data and data products where possible, whilst recognizing and respecting the variety of data ownerships
- the protection of integrity, transparency, and traceability in data and data products, their intellectual property rights through citation and data licenses,
- the protection of researchers' intellectual property rights and rights to publish their results
- the commitment to open software and open standards ensures the interoperability of data, data products and service provided by the GlobeWQ platform with other web-based geo information systems

Data and data products provided by GlobeWQ

Data and data products provided on the GlobeWQ platform are as much as possible fully, freely and openly available for others to use. Exemptions are acceptable where restrictions apply resulting from third party licenses, binding rules, legislation and the protection of intellectual property rights.

Data and data products made available on the GlobeWQ platform are accompanied by licenses. Data originally made available on the GlobeWQ platform from third-party providers have their own data access agreements and license conditions which defines how GlobeWQ can make data available to others.

Data provision to the GlobeWQ Platform

Data and data products provided to the GlobeWQ platform originates from the partners of the GlobeWQ consortium and from third party providers. It is expected that all data providers follow the **open data principles** and that data is made available for the users of the GlobeWQ platform with as few restrictions as possible.

The data provider shall clearly specify intellectual property rights, use or re-use conditions. Alongside with the data, metadata shall be provided according to the GlobeWQ metadata requirements, including quality statements in metadata information for each type of data (metadata, raster/image data etc.).

Interoperability

GlobeWQ acknowledges the existence of multiple databases and platforms that provide access to data via downloads and/or web-services. Data and services provided through GlobeWQ are compliant with established standards from the Open Geospatial Consortium (OGC) to facilitate their discovery (CS-W), accessibility (WFS/WCS) and visualization (WMS). This ensures that GlobeWQ data products can easily be shared with and re-used by other services.

Review

The GlobeWQ consortium will evaluate this data policy regularly. If needed this policy will be revised and updated. The GlobeWQ consortium ensures that the list of data products is maintained and is permanently kept up to date if new data products are added to the platform, removed or if changes of the ownership or licensing occurs.

Data Ownership and Licensing

Data Contributors maintain complete ownership of their data and make it openly accessible through an open data license