

Data Sharing and Management Agreement

Last Updated June 13, 2022

Data Contributor / GLOS Services Agreement

The Great Lakes Observing System (GLOS) is a non-profit organization with a mission to provide data services to support science, policy, management, and industry in the Great Lakes. This includes providing high quality information to the public at no cost as well as several additional services outlined below. In exchange for these services, GLOS has expectations for our data providers to help ensure a high level of data quality for our end users.

As a data provider to GLOS, you must acknowledge and agree to the Services and Requirements below. Please return a signed copy of this agreement that acknowledges you have read, understood, and will adhere to the requirements set forth below.

Services Offered

GLOS offers a wide array of data management services to our data providers free of cost, including:

1. Registration of your platform/data on Seagull. This content is discoverable, but not necessarily accessible, to all unless marked as embargoed or private, or GLOS determines other conditions that restrict it.
2. Providing the public with open and free access to metadata from your data and platforms.
3. Performing automated quality assurance and quality control of real-time oceanographic data (QARTOD) tests according to IOOS requirements, where possible and appropriate.
4. Archiving data to NOAA's National Center for Environmental Information (NCEI) if appropriate and possible.
5. Provision of alerts and notifications for a range of messages including suspicion of inaccurate data, values exceeding thresholds, change in status and more where possible.
6. External data access to third party systems like NOAA's National Data Buoy Center (NDBC), IOOS data catalogs, GLOS data partners and others.

GLOS aims to maintain an uptime of 99.9% for all the cloud infrastructure that runs these services. GLOS has set up internal dashboards and services that help monitor the applications, respond to system-wide performance changes, and optimize resource utilization on Seagull.

Data Provision Requirements

In exchange for the services outlined above, you agree to the GLOS requirements below:

1. You will maintain your monitoring equipment following, at a minimum, manufacturer calibration and maintenance schedules and recommendations.

2. You will provide complete metadata records and update as necessary or requested, including an annual review.
3. You will notify us if you suspect an issue with your platform and/or data.
4. You will send your data directly to GLOS' data platform, or as directly as possible.
5. You will conform to our acceptable data transfer protocols and formats as documented [here](#).
6. You will appropriately update your platform status using your data provider portal in Seagull to communicate with GLOS staff on changes in deployment status, seasonal recovery, and other important information.
7. Acknowledge GLOS appropriately when sharing data, information, or products obtained from the GLOS platform