

GLOSS Unified Data Access

Phil Thompson Associate Professor, Department of Oceanography, University of Hawaiʻi Director, UH Sea Level Center



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Motivation

- 1. Current GLOSS data organization and access is confusing and outmoded.
 - Users must navigate a complicated, distributed system.
 - It is challenging for users to (a) decide which dataset is appropriate for their intended application and (b) find where the relevant dataset is hosted.
- 2. IOC has directed GLOSS to improve data access.

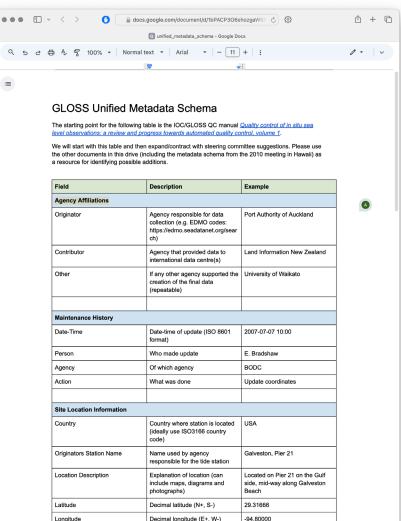


Goals and next steps

Reorganize and reclassify GLOSS data

- Unify metadata
- Use controlled language
 - Replace ambiguous descriptors like "delayed mode" and "fast delivery" with standardized quality levels
- Ensure distinct time series only appear once across all GLOSS data streams
- Associate resolutions and QC levels with specific applications.
 - Communicate associated applications to users.

From GLOSS SC meeting January 2024



Goals and next steps

Create a single, unified data portal

- Linked ERDDAP servers hosted by each datacenter will serve as the backend.
 - This requires all GLOSS data centers to agree and conform to a common metadata model.
- VLIZ developing the front-end of the unified portal.
- NOC can embed or link the new portal into existing website.
- Ideally, the "host" GLOSS datacenter of should be opaque to the user.

