

C1-B Data

In-situ & data integration

Minimum requirements

- Currently mostly defined at local & national scale
- Quality assurance
 - Standard operation procedures & methods
 - External quality control: Proficiency testing, intercalibration
- RS community needs to define requirements from in-situ networks => global coordination?

Research data, e.g. Limnades

- Showcase for community-driven in-situ database
- Specifically designed for cal/val
- Reprocessing in-situ with updated f/Q tables
- Funding?

Global coordination

- Lack of global coordination in (inland) water quality monitoring network
- Strategy for integration in-situ, satellite & modelling
- Funding opportunities for in-situ monitoring apart from national funding

Data for cal/val

- Protocols for inland in-situ data collection, ref. MERMAID => GLAAS protocols
- Standardization & documentation for in-situ radiometric measurements
- Ocean Colour Climate Change Initiative (ESA)– integrated database for various sensors and including various databases

Legal issues/data policy

- Communication of data policies/use restrictions important to both rs & in-situ data
- Open data & GEOSS Data Core
- Free research data vs restricted national monitoring data