



Publication and Data Policy

This document outlines the policy of the Glacier Monitoring in Switzerland (GLAMOS) regarding the sharing of GLAMOS data, products and reports. GLAMOS activities are carried out by three partner institutions: ETH Zurich (ETHZ), University of Fribourg (UniFR), University of Zurich (UZH). GLAMOS receives substantial funding from the Federal Office for the Environment (FOEN), the Federal Office of Meteorology and Climatology (MeteoSwiss) in the framework of GCOS Switzerland, and the Swiss Academy of Sciences (SCNAT).

The objective of this policy is to ensure and facilitate full and open access to scientific data and data products. The GLAMOS Data Policy is binding for all use of GLAMOS data and data products. The Data Policy is subject to regular review by the GLAMOS Steering and Scientific Committee and is part of the Appendix of the GLAMOS Agreement 2020–2023.

1 Collected data

As used in this document, the term «data» refers to raw data, metadata and data products (i.e., processed data). It includes field data obtained in the scope of and with financial support of GLAMOS, as well as the related documentation and metadata. The following types of data are collected: length change, mass balance, ice volume change, glacier inventories, ice flow speed, englacial temperature, special events.

2 Data Submission

All data obtained in the scope of and with financial support from GLAMOS must be submitted to GLAMOS for long-term archiving and dissemination. This also includes related metadata.

Deadline for submission of observational data and metadata is the 1st of December after the end of the observation period (i.e. hydrological year). For example, data of the hydrological year 2018/2019 have to be submitted by 30st of November 2019.

Data submitted to GLAMOS have to conform to the defined format and will be processed, quality-checked and documented by the GLAMOS Office. Raw data of all measured parameters also have to be submitted to facilitate future re-processing and to ensure traceability. Update of the data sets following quality checks should be submitted as soon as available, preferably within one year after initial submission. Updates of metadata (e.g. changes in the measurement system) have to be submitted together with the observational data.

3 Data Sharing Policy

3.1 Open Access

All GLAMOS products are licensed under Creative Commons Attribution 4.0 International License ([CC BY 4.0](https://creativecommons.org/licenses/by/4.0/)) and are made available through the website <https://www.glamos.ch> or <https://doi.glamos.ch>, respectively.

3.2 Acknowledgement

Acknowledgement for GLAMOS data in publications have to be in the following form:

- For graphs/illustrations generated and provided by GLAMOS: “Data source: Glacier Monitoring Switzerland (GLAMOS)”
- For referencing to data and to publications authored by GLAMOS the recommended citations in the metadata of the respective dataset should be used.
- GLAMOS recommends contacting the GLAMOS Office to obtain detailed information on data acquisition and processing.

3.3 Publication and DOI-Number

GLAMOS publications and data are regularly published with a GLAMOS DOI number:

- 10.18750/<datatype>.<year>.r<year> for data products
 - <datatype> == inventory, lengthchange, massbalance, volumechange
 - <year>,r<year> == year, year of release
- 10.18752/<pubtype>_<sequential number> for publications and reports
 - <pubtyp> == glrep (Glaciological reports), intrep (internal reports)

The corresponding DOI landing page is <https://doi.glamos.ch>

3.4 Exceptions

Exceptions to this policy sought by a GLAMOS partner institution must be fully documented by the GLAMOS partner institution and be approved by the GLAMOS Steering Committee. For original data from other sources (e.g. swisstopo), which are used for calculations, analyses and derivations, the terms of use of the respective data owners apply.

GLAMOS Office, 28.02.2020

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