

FAIR Principles

Compliance

Findability

Resources and its metadata are easy to find by both, humans and computer systems. Basic machine readable descriptive metadata allows the discovery of interesting data sets and services.

- ✓ *F1. Resource is uploaded to a public repository.*
- ✓ *F2. Metadata are assigned a globally unique and persistent identifier.*

Accessibility

Resource and metadata are stored for the long term such that they can be easily accessed and downloaded or locally used by humans and ideally also machines using standard communication protocols.

- ✓ *A1. Resource is accessible for download or manipulation by humans and is ideally also machine readable.*
- ✓ *A2. Publications and data repositories have contingency plans to assure that metadata remain accessible, even when the resource or the repository are no longer available.*

Interoperability

Metadata should be ready to be exchanged, interpreted and combined in a semi(automated) way with other data sets by humans as well as computer systems.

- ✓ *I1. Resource is uploaded to a repository that is interoperable with other platforms.*
- ✓ *I2. Repository meta-data schema maps to or implements the CG Core metadata schema*
- ✓ *I3. Metadata use standard vocabularies and/or ontologies.*

Reusability

Data and metadata are sufficiently well-described to be reused in future research, allowing for integration with other compatible data sources. Proper citation must be facilitated, and the conditions under which the data can be used should be clear to machines and humans.

- ✓ *R1. Metadata are released with a clear and accessible usage license.*
- ✓ *R2. Metadata about data and datasets are richly described with a plurality of accurate and relevant attributes.*