

Appendix 1. FAIR Assessment Questionnaire

Principle	Sub-Principle	What must be provided?	Example	Comments
Findability (F)	F1	Globally unique and persistent identifier	Digital Object Identifier	-
	F2	Rich metadata	Measurement devices used, units of the data, spatiotemporal coverage and resolutions, and any details	-
	F3	Metadata contains dataset's globally unique and persistent identifier described in F1	-	The association metadata file and should be made mentioning a globally unique and identifier in the
	F4	Indexed in searchable resources	Google search engine, Google dataset search, and Zenodo	-
Accessibility (A)	A1	A non-specialized, non-proprietary data retrieval method that: 1. Is open, free, and universally implementable, and 2. Allows authentication and authorization when necessary	HTTP, FTP	
	A2	Permanently accessible metadata	-	-

Interoperability (I)	I1	(Meta)data should be readable for machines	RDF, Dublin Core Schema	-
	I2	Vocabulary, terms, and concepts have globally unique and persistent identifiers (F1) that can be resolved using a standard communication protocol (A1) and is described with a formal, accessible, shared and broadly applicable language for knowledge representation (I1)	-	Communities should implement the required FAIR principles and use the vocabulary
	I3	As many links as possible to datasets, resources, and references related to the data are available	Links and references to resources	-
Reusability (R)	R1	Rich metadata that (1) Describes data usage conditions, (2) Describes detailed data provenance, and (3) Follows community standards	-	-