

# Implementing a machine-actionable data management plan (DMP) based on GEO DSP/DMP

# OUTILINE

## Support and Contribution

Financial grant : Carnot Network (MINES Paris - PSL)

Support: EU-funded H2020 e-shape project DMP self assessment tool

## Main features of DMP OPIDoR

Machine-actionable DMP tool that follows GEO DSP/DMP

## GEO DMP within DMP OPIDoR

GEO DMP into our common template

## Linkages

With other sharing principles (FAIR, CARE, ....)

Between Open API and GEOSS infrastructure components

# Main features



<https://dmp.opidor.fr/>

## Create a machine-actionable DMP GEO data sharing and data management principles using DMP OPIDoR

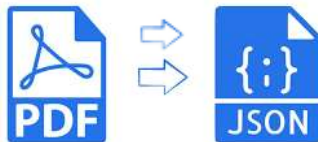
- Single Access Point
- Authentication
- Collaborative DMP Creation and Revision
- A structured DMP model based on Science Europe recommendations : a modular and extensible data model
- GEO DSP/DMP recommendations' publication
- Open API
- Measure level of compliance (to be investigated)

### DMP du projet "The Swiss Data Cube DMP"

Plan de gestion de données créé à l'aide de DMP OPIDoR, basé sur le modèle "Science Europe: structured template" issu par Science Europe

#### Plan Details

Plan title	DMP du projet "The Swiss Data Cube DMP"	
Deliverable		
Version	First version	
Plan purpose/scope	The Swiss Data Cube (SDC)'s goal is to support the Swiss government in environmental monitoring and reporting and enable Swiss scientific institutions (e.g., Universities) to facilitate new insights and research using the SDC and to improve the knowledge of the Swiss environment using EO data.	
Fields of science and technology (from OECD classification)	1.5 Earth and related environmental sciences	
Language	eng	
Creation date	2024-03-28	
Last modification date	2024-04-09	
Identifier		
License	<b>Name</b>	Creative Commons Attribution 4.0 International
	<b>URL</b>	<a href="http://spdx.org/licenses/CC-BY-4.0.json">http://spdx.org/licenses/CC-BY-4.0.json</a>



Human-readable DMP

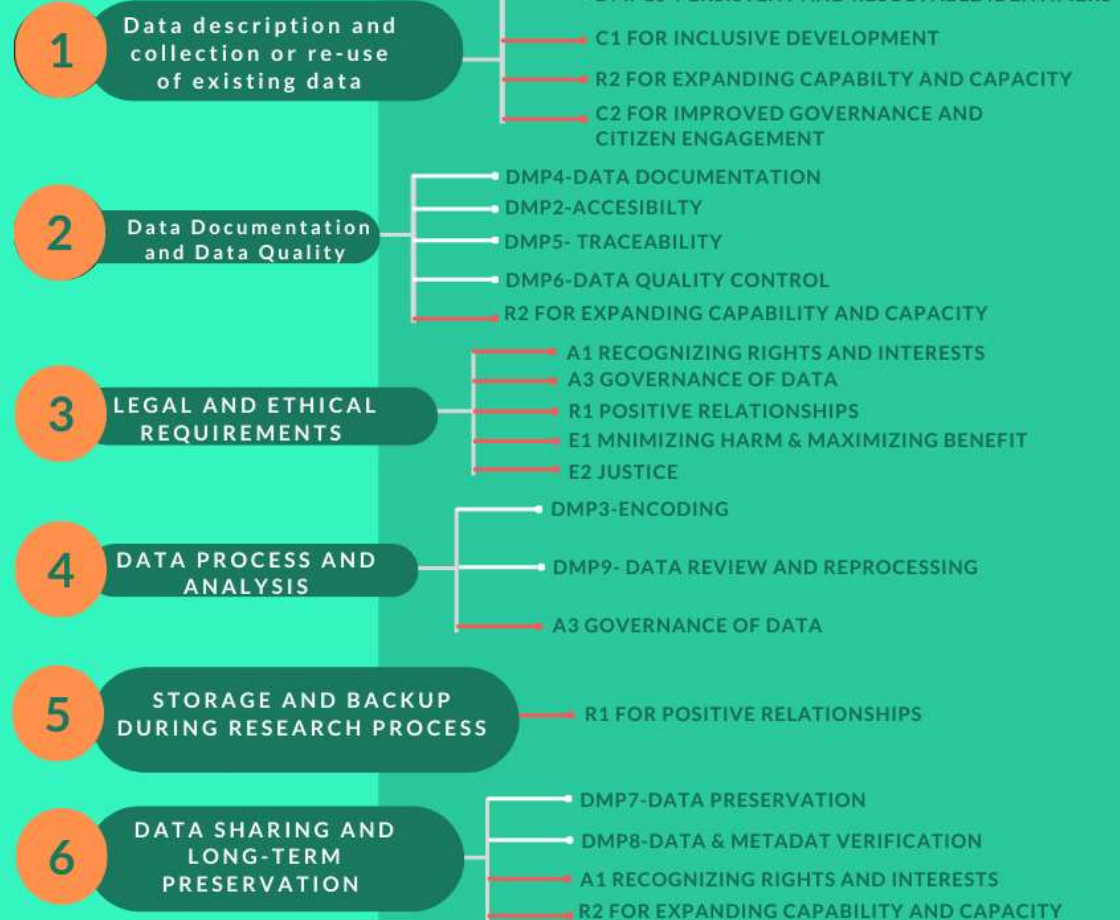
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  }
}
```

Machine-readable DMP

# DMP OPIDoR Common template

GEO DMP

CARE



- General information
- Write Plan**
- Contributors
- Budget
- Share
- Download

## DMP du projet "The Swiss Data Cube DMP"

 [Click here to select the guidance of your plan](#)

This plan is based on the "Science Europe: structured template" model provided by Science Europe (version: 5, published on 13 March 2024)

**SDC**

 Create

**Swiss Data Cube**

- Short name : SDC
- Name : Swiss Data Cube
- Type : Service
- Contains personal data : No

### 1. Data description and collection or re-use of existing data

Expand all | Collapse all

-  CONTACT US
-  TECHNICAL SUPPORT



# Linkages

## Linking the GEO Data Sharing and Data Management Principles to other Reference Lifecycles and Principles

Karl Benedict

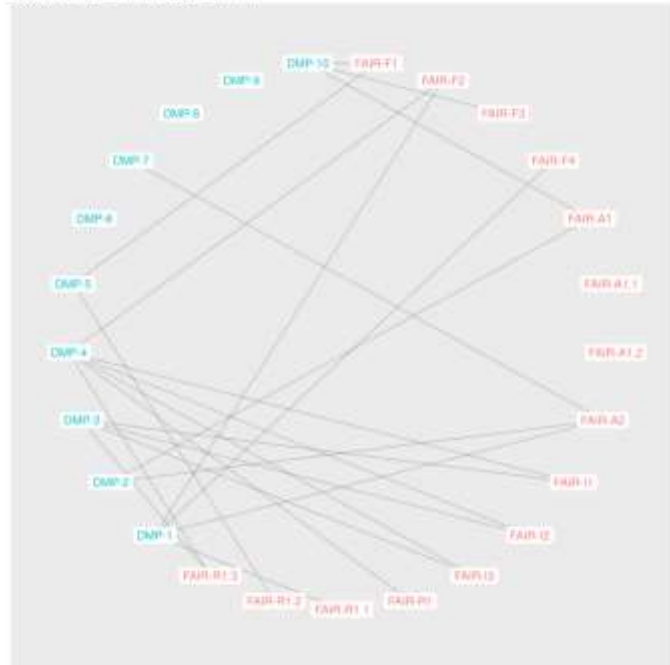
2022-Apr-20

**GEO Working Group:** Data Working Group (Data-WG)

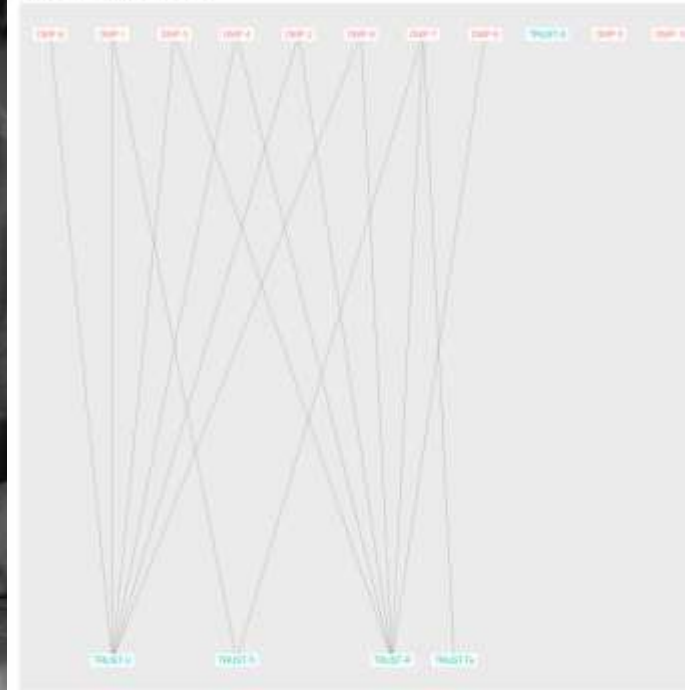
**Subgroup:** Data Sharing and Data Management Principles (Data-WG/DSDMP)

### GEO Data Management Principles - FAIR

GEO Data Management Principles Support to FAIR Principles Elements



### GEO Data Management Principles Support to FAIR Principles Elements



# Interoperability Assessment

Evaluate Open DMP OPIDoRAPI regarding the GEO Infrastructure components for:

- For metrics purpose (Dashboard)
- Assess the level of compliance of DMP's
- Support global alignment with GEO recommendations
- Outreach to the GEO community

- GEO DAB (Discovery & Access Broker)
- GEO Portal
- GEO Knowledge Hub
- Yellow Pages

Deep acknowledgements to:



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Marie-Christine Voidrot



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