

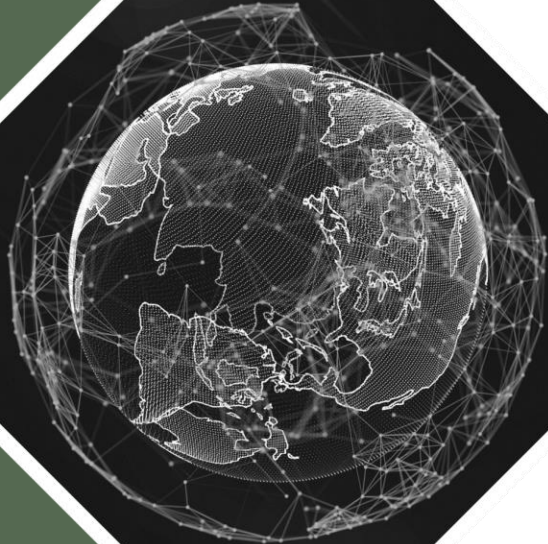
A hand is shown holding a glowing blue wireframe globe, which is superimposed over the screen of a laptop. The background is a blurred image of a person's arm and the laptop on a wooden desk.

OPEN DATA & OPEN KNOWLEDGE Workshop

GEO Open Knowledge Statement

- Marie-Francoise Voidrot

On behalf of the Data Working Group





Marie-Francoise is a Director with the OGC Innovation Program, with a focus on initiatives related to Earth Observations. She is involved in several initiatives of importance to GEO, the Group on Earth Observations, including the H2020 NextGEOSS, E-SHAPE projects and the InCASE project supported by EEA.

She is **OGC representative to the GEO Program Board and co chair of the Data Sharing and Data Management Principles subgroup.**

Prior to joining OGC, Mrs. Voidrot was Senior Project Manager at Meteo-France for numerous meteorological operational information systems for use by Meteo-France and by major customers in spatial, defense or aeronautical activities. She possesses a global end to end view of information systems from production to a large variety of community application activities. From 2009-2016 she served as the Meteo-France representative to the OGC and as a co-chair of the OGC Met Ocean Domain Working Group working to align representatives from across the Met Ocean community with OGC standards experts regarding a range of interoperability requirements.

She was awarded the 2017 OGC's Gardels Award



The Open Geospatial Consortium (OGC) is a not-for-profit international consensus organization comprised of over 550 industry, government, academic, research and not-for-profit organizations. OGC open standards and best practices enable the seamless discovery, sharing, integration and application information in a location context across networks, systems, enterprises, organizations and jurisdictions.

Open Knowledge Statement genesis



In 2019, the GEO Secretariat initiated a statement on **Open Science** as a part of the **Strategy for a Results-Oriented GEOSS and the GEO Knowledge Hub**

Developed by a drafting team led by Markus Konkol, ITC Open Science Officer, involving members from the Capacity Development Working Group (CD-WG) and others in the GEO community, due to the **importance of Open Science to capacity building**, particularly in developing countries.

After revisions and iterations, the statement was revised including the title to become the **Open Knowledge Statement**

Open Knowledge, while inclusive of Open Science, is considered to be more closely **aligned with the GEO Mission and Vision, which aim to support decision making** and not only or primarily science.

The Statement provides a rationale and impetus for the open context of activities of the GEO Work Programme and the GEO community, the results of which will then be made accessible through the GEO Knowledge Hub.

” ‘Open knowledge’

is

*any content, information or data
that people are free
to use, re-use and redistribute
– without any legal, technological or
social restriction.“*

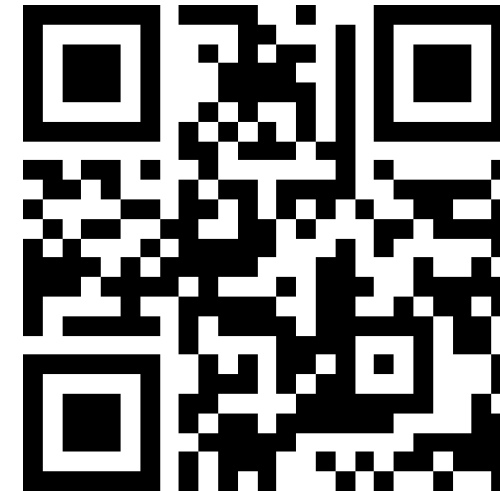
Open knowledge organizations and activists have proposed **principles** and **methodologies** related to the production and distribution of knowledge in an open manner.



Definition from the Open Knowledge Foundation

GEO Open Knowledge Statement
(2021)
<https://tinyurl.com/yynhwcas>

Definition from the



GEO Open Knowledge

Open Science

2023 G7 Communiqué (Section 40): [G7 Hiroshima Leaders' Communiqué | The White House](#)

Nasa year of Open science <https://www.earthdata.nasa.gov/news/year-of-open-science>

Joint NASA-ESA-JAXA Open Science collaboration

Open Science persistent demonstrator <https://www.ogc.org/initiatives/open-science/>

GEO Open Knowledge

Open
Science

Open
Education

GEO Open Knowledge

Open
Science

Open
Access

Citizen and
Participatory
Science

Open Data

Open
Reproducible
Research

Open
Software

Open
Infrastructure

Open
Hardware


Open
Education

Open
Evaluation

Diversity of
knowledge

Dialogue Series: Perspectives & Structure

Hot topic: Machine learning and AI-ready in-situ data with licensing for faster uptake

	Dates in 2023	Topics	
<p><i>Thursdays from 16-17:30 CEST</i></p> 	April, 13th	Open Knowledge, Open Science	
	May, 11th	Open Data, Open Access	
	May, 18th	Open Reproducible Research	
	June, 1st	Open Software, Open Infrastructure, Open Hardware	<p>June 15-16th ODOK</p> 
	July, 6th	Open Education, Open Evaluation	
	September, 14th	Diversity of Knowledge, Citizen and Participatory Science	
	September, 28th	Overarching Goals of Open Knowledge	
	October, 12th	How to go towards Open Knowledge for GEO?	
	to be decided	Self Assessment Tool progress	


Structure of the Dialogues



Open Science 


Open Access 

Citizen and Participatory Science

Open Data 

Open Reproducible Research 

Open Software 

Open Infrastructure 

Open Hardware 

Open Education

Open Evaluation

Diversity of knowledge

Recordings openly accessible to all

On YouTube

- Open Knowledge and Open Science (13 April): <https://lnkd.in/dBD-q9NZ>
- Open Data and Open Access (11 May): https://lnkd.in/dZV_CVj4
- Open Reproducible Research (18 May): <https://lnkd.in/d3iYZePg>

Soon on the GEO Knowledge Hub

- Dialogues Recording
- Slides

Building for and with the Regional GEO

- Listen to Regional GEOs expectations
- Sessions to deepen how the Open Knowledge Principles can be implemented to serve Regional Goals building on their respective capacities and priorities
- Advocate, Engage, Deliver at Regional and Global level

Build the community empowering the Open principles and enabling a collaborative

How do Regional GEOs see the
adoption of Open Knowledge?

What are their challenges?

CONTACT DETAILS



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