

# OPEN DATA & OPEN KNOWLEDGE Workshop

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# Welcome!

# **GEO** is guiding us toward a **better future** by understanding the **Earth's whispers**

Promotes **open data sharing** and **infrastructure** for better research, policy making, decisions and actions

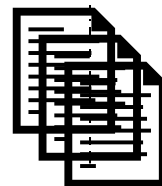
**2005**

Birth of GEO



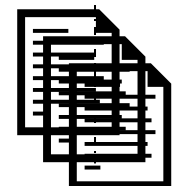
**2012**

Data sharing principles



**2021**

Open Knowledge statement



# 2023 is the Year of **Open Science**

“Throughout 2023, NASA and other U.S. federal agencies will show you how the open sharing of data, information, and knowledge makes science—and society—better”



# G7 promoting **Open Science**

We support the development of advanced technologies, research infrastructures and highly-skilled human resource networks that will drive innovation to solve global challenges and enable the next stage of economic growth.

The **G7** will promote **open science** by equitably disseminating scientific knowledge, publicly funded research outputs [...] following the FAIR principles.

G7 Declaration – May 20, 2023 - Hiroshima





# Open Earth Observation **data** and **knowledge** are **crucial** in addressing **global** socio-environmental **challenges**



**Climate change**

Source: Washingtonpost.com



**Natural disasters**

Source: bbc.com



**Agriculture monitoring**

Source: ESA multimedia gallery

# Open is a key element for GEO & Our Planet



**Encourage collaboration and innovation**



**Transparency and accountability**



**Open Data Democratization**



**International Cooperation**



**Education and Youth**



**Economic Growth**



**Essential Tools to impact**

# Towards Ministerial

## First draft of the Cape Town Ministerial Declaration



- .....We highlight the GEO Statement on Open Knowledge and efforts for open components to hasten collaboration and broaden inclusivity in community endeavors to accelerate innovation.
- We re-commit ourselves to lowering barriers for everyone who might benefit from and contribute to the derivation of authoritative knowledge.
- We are buoyed by the greater uptake of co-design and co-development, which have built legitimacy, trust and capacity, and charge the GEO community with pursuing this more...



# Enhancing **Open Data** and **Open Knowledge** makes us **grow**

By **planting** new **ideas**,  
**initiatives**,



**We grow as a community**



# Foster community collaboration and adoption of Open Data and Open Knowledge

