

The GEOSS Common Infrastructure (GCI) fact sheet

What is it?

An intermediation and harmonization framework to **lower the entry barriers** experimented by the GEO Users when they develop **multidisciplinary applications to study global changes**.

Is it another data infrastructure?

No, **GCI is not another data infrastructure**. GCI is a **brokering** infrastructure: it provides the services necessary to intermediate existing data systems and infrastructures harmonizing their content in a **transparent way for both Data Providers and Users**.

How does it work?

GCI applies an **innovative brokering approach** which allows the harmonized discovery, retrieve, and use of datasets and services shared by the Communities studying and monitoring the Earth System.

What can GCI do for me

Data Provider

- **Connect your data/information system** to GEOSS
 - GEO Users will be able to discover and access the data and services you want to share (i.e. GEOSS Data Core).
 - You **do not have to implement any required common specification or protocol**.

User

- Provide a framework where to **connect your preferred client/portal** and discover, retrieve, and use multidisciplinary data.
 - You **do not have to modify your client** implementing any required common specification or protocol.
- Provide a **general Web Portal to explore and retrieve the GEOSS resources**, in an harmonized way.

How can I use GCI?

Data Provider

- Provide **your information/data system URL address** to GEOSS

User

- Ask GEOSS for the **URL address of the GCI brokering framework**.

More information

<http://www.earthobservations.org/geoss.shtml>

