

Bridging Communities

GEOSS users need some guidelines as to how to define transformations for data integration. Ontologies can be one method to respond to this need.

GEOSS must try to ease defining, registering, discovery, merging, and processing of datasets . Processes and datasets should be compatible and identifiable for correctness and match.

There should be a possibility to identify whether a process can be applied to a dataset.

The question was raised whether a cross-community dictionary /thesaurus/ontology would be useful or desired, the User Requirements registry will help answer and define the needs and work focus.

Users should be guided for ease of semantic annotation for data during registration. When a keyword is used, the user should be sure that the concept reflects the intended meaning.

What level of granularity is needed for ontologies in GEOSS? Defining the level of detail is a prerequisite before identifying possible solutions or candidates. What would be the scope of ontologies and the benefit for GEOSS and users.

User requirements will help define the level of detail and identify the needs by SBA or transverse areas.

Practices are needed. The GEO ontology wiki will inventories them.