



Committee on Earth Observation Satellites

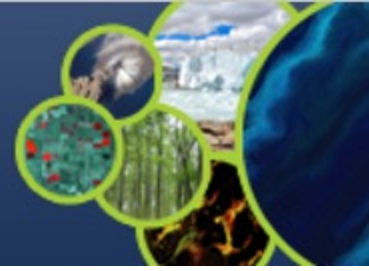
Common Online Dictionary Initiative

CEOS Common Terminology Group

CEOS WGISS #53 & WGCV #49
Virtual Meeting

23/24 March 2022



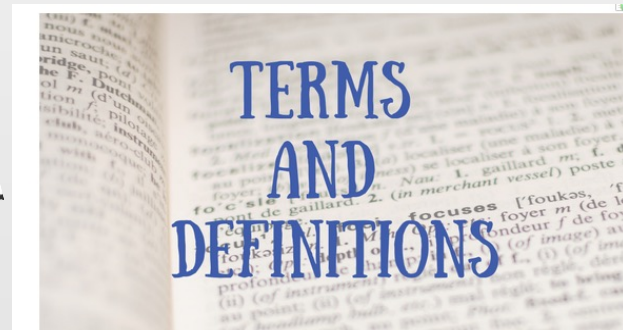


Background

- Joint initiative of CEOS WGCV, CEOS WGISS, and CEOS LSI-VC
- Mandate: CEOS WGCV Action Item 49-06 (June 2021) “[...] to advance the idea of a CEOS common online dictionary, with a view to eventually reaching out to launch a broader community effort”

Status of activities

- CEOS Common Terminology group established August 2021 ✓
- Workplan drafted ✓
- Integrated WGISS Data Stewardship Glossary (pdf) and NOAA NESDIS Data Management Lexicon (pdf) into existing WGCV ‘Terms and Definitions’ Wiki ✓
- Discussing categorization of terms (see next slide) - prototyping approach using **base** terms and **high impact** terms – ongoing
- Discussing governance - ongoing
- Reaching out to promote initiative – ongoing internally with focus on WGISS, WGCV, LSI-VC externally with ISO/OGC (see slide)
- Discussing target infrastructure – upcoming – support needed!





In order to combine advance on fundamental terminology with raising awareness of the relevance of the topic and attracting more participation, two lists with terms are proposed:

BASE terms illustrate the fundamental concepts, they should use understandable, unambiguous language and be built only on other base terms.

Examples:

- Phenomenon
- Data
- Observation
- Sample

HIGH IMPACT terms refer to expressions used within a domain to define more complex concepts or make important distinctions.

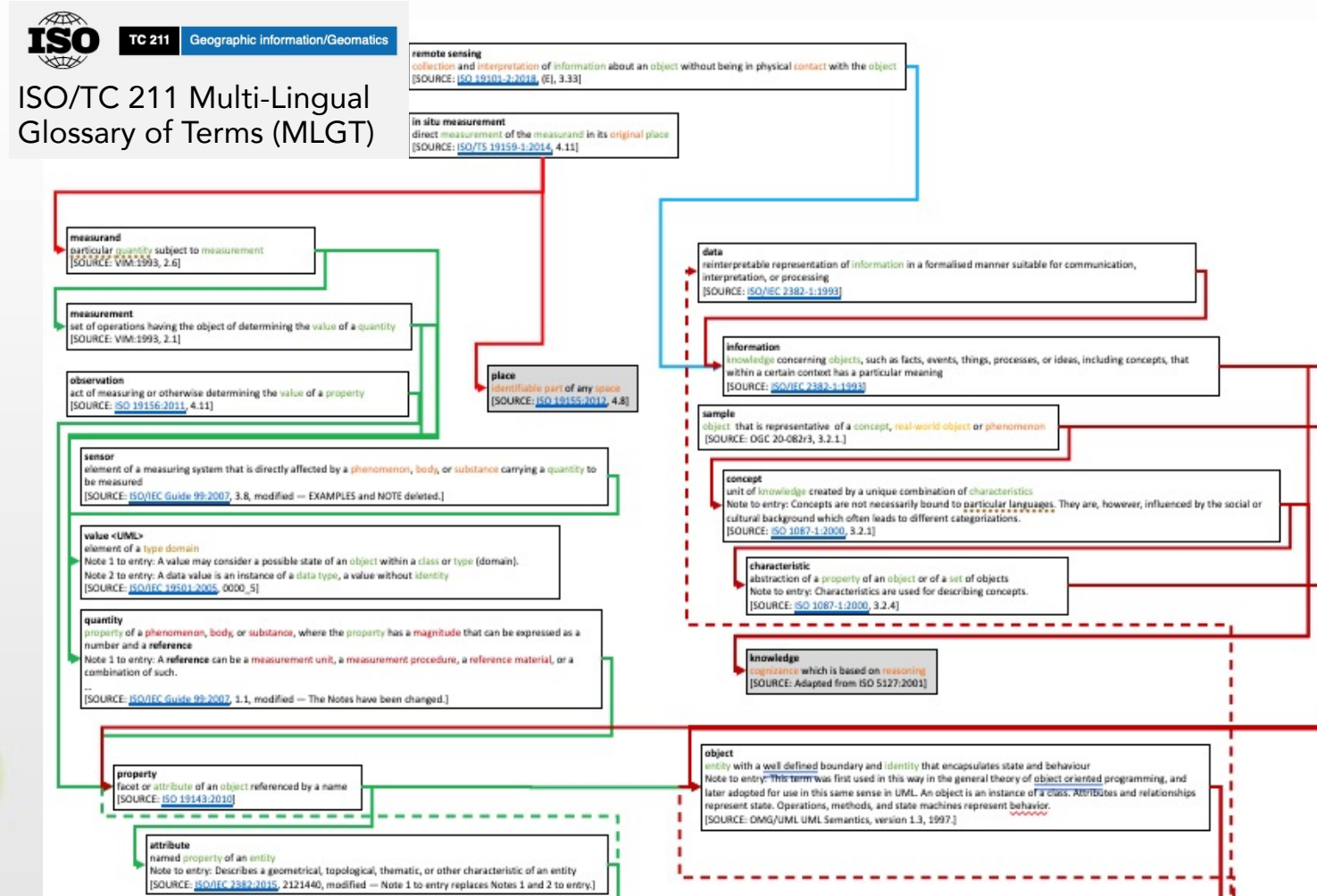
Examples:

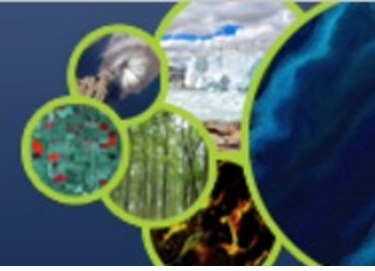
- In-situ Observation
- Remote Sensing
- Land Cover
- Processing Levels

For both categories we are starting to assemble candidate lists.
Proposals are highly welcome - with or without a definition!
Send your input to: peter.strobl@ec.europa.eu or join the group!



- Reached out to ISO and OGC to align approach and learn about most recent standard developments (e.g. ISO 19156)
- ISO maintains a comprehensive glossary called the 'Geolexika' (<https://isotc211.geolexika.org/concepts/>)
- Several related ISO standards (e.g. 19124) are currently under review but close to being finalised, **we are late in the game!**
- CEOS should make sure that ISO terminology is fit for own purposes, also in the foreseeable future, especially regarding **'high impact'** terms which often even within CEOS suffer clear concepts see e.g. 'in-situ' vs. 'remote'
- Feedback needed!**





For questions please contact
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TERMS AND DEFINITIONS

In this section, a list of Terms and Definitions is proposed, see pages below for details

Please note that this is work in progress and your feedback is welcome!