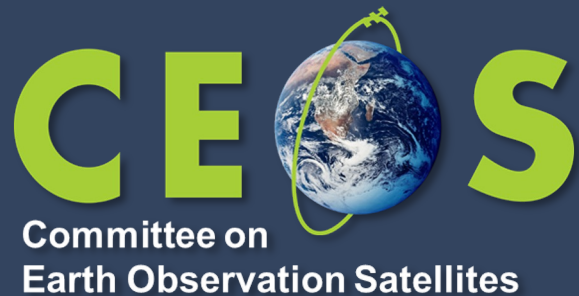


WGCV-52

CEOS Interoperability Framework

Common online dictionary



Peter Strobl, EC-JRC

Agenda Item 3.6

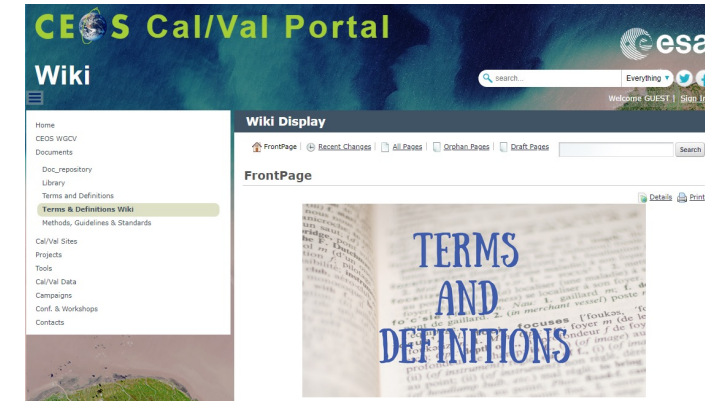
WGCV-52, ESA/ESRIN, Italy

5th - 9th June 2023

Executive Summary



- Done: merged WGCV and WGISS glossaries and NOAA NESDIS Lexicon on a technical level into a temporary Wiki solution (http://calvalportal.ceos.org/ca/t-d_wiki)
- To do – the *real* task: to harmonise the concepts across domains and build consistent ontologies and taxonomies
- Intervention during revision of ISO standard 19156 “Geographic information - Observations, measurements and samples” - not successful
 - Definition of “Observation” includes model outputs, e.g. “simulation”, “forecast”
 - 1:1 use of ISO definitions in CEOS context questionable
- Strategy proposed for next steps



Nothing really new since WGCV-51!

What is in_situ, in-situ, in|situ, In Situ, in-Situ, insitu, ... ?

In CEOS no proper definition but current least common denominator in daily use seems to be:

... **anything but satellite** which eventually and for whatever reason seems more trustworthy

While ISO established in the 2022 revision of 19156 ('Observations, Measurements and Samples'):

3.10 in situ | on-site

referring to the study, maintenance or conservation of a specimen or population without removing it from its natural surroundings

Note 1 to entry: Opposite of ex situ (off-site).

Note 2 to entry: an example of in situ & direct is measuring a patient's temperature with a mercury thermometer in the patient's rectum.

Note 3 to entry: **an example of in situ & remote is measuring a patient's temperature with an infra-red thermometer at a distance.**

In other words: (Land or Sea Surface Temperature) **measurements from space are *in*situ***

Thank you!

Big thanks to:
Emma Woolliams (NPL) and
Katrin Molch (DLR)
the only (wo)men standing!