WGCV-52
CEOS Interoperability Framework
Common online dictionary

Peter Strobl, EC-JRC
Agenda Item 3.6
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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!

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the only (wo)men standing!

any questions?
Peter.Strobl@ec.europa.eu