



GCW, the scientific community and WIGOS

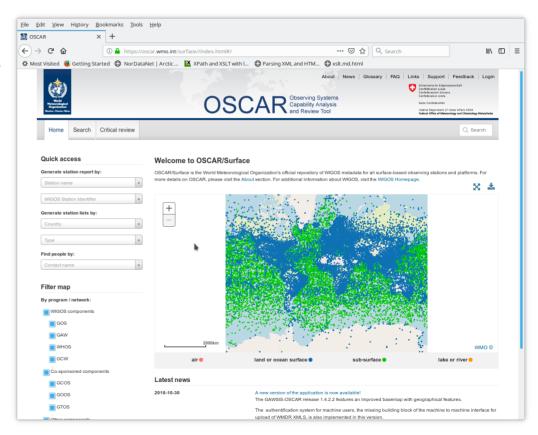
Øystein Godøy





GCW challenges with WIGOS

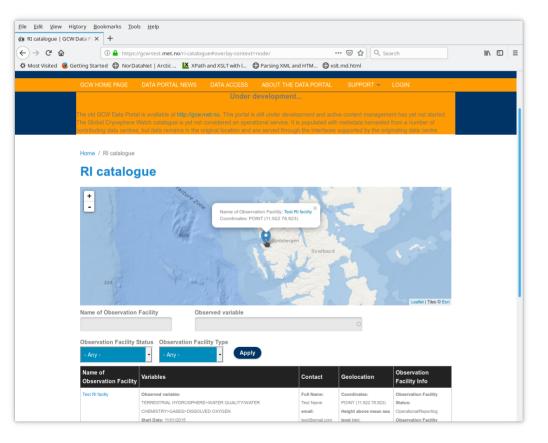
- GCW is depending on scientific communities
 - Interactions has to be simple and cost efficient with a clear benefit
 - WMO governance structure can sometimes cause issues
- Within GCW (and SIOS) the data portal will offer an interface between the science community and WMO
- Need the science community to provide information
 - Understanding of benefit, recognition of terminology, ...
- Need to reuse technology and interfaces
 - For documentation and communication
- Need transparency in glossaries







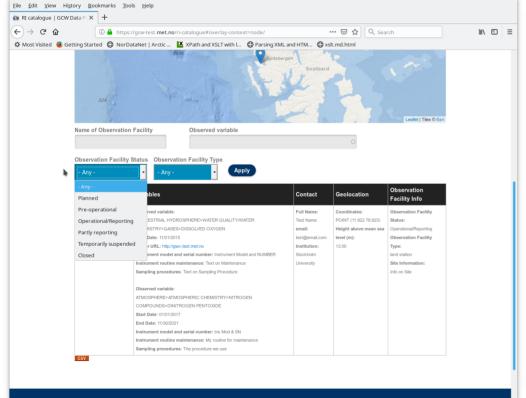


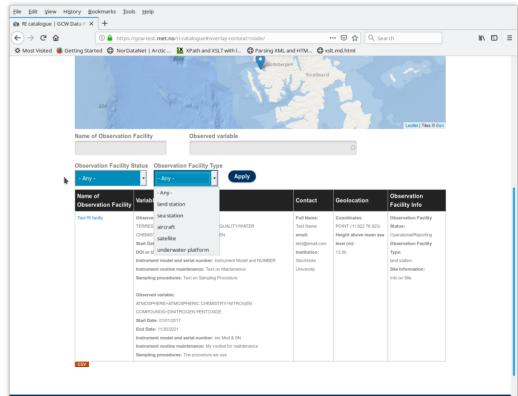


- When discussing the standard with scientists
 - Immediate pushback
 - Too complicated/time consuming
- Solution
 - Small steps
 - Lightweight implementation
 - To show the benefit
 - Jointly developed with Svalbard Integrated Arctic Earth Observing System (SIOS)
 - The portal to bridge between scientists and WMO requirements



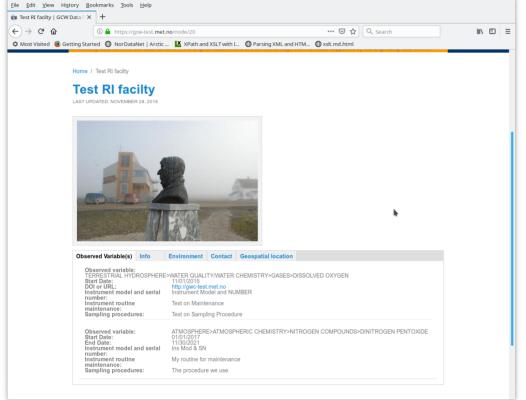












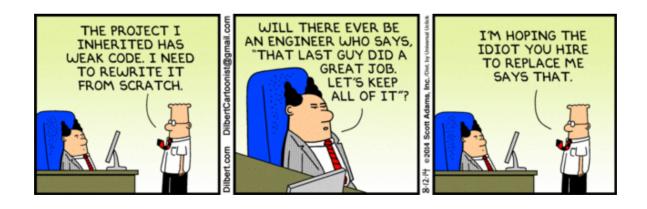
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WIGOS Glossaries

- Transparency is extremely important in the context of vocabularies describing the parameters measured
 - Coordination with other activities beneficial
 - Resources already stretched too thin
 - Transparency and coordination required to ensure proper mapping with other relevant glossaries
 - GCMD, CF, ...







How can the science community be engaged in WIGOS?