# Testing catalogue consistency

## Abstract

The following paper describes an operational web-based metadata monitoring procedure at Deutscher Wetterdienst that checks for and identifies metadata out of synchronization. If detected differences are associated with GISC Offenbach data exchange, the GISC concerned will be contacted.

**Metadata Monitoring at GISC Offenbach**

An automatic Interrogation of all operational GISC every three hours for metadata subject to exchange has been installed at GISC Offenbach. The header specifies the set and the first column the name of the GISC. Each GISC’s own data are in **bold** and the completeness of metadata can easily be checked. In case of differences, the field is set red for easy identification. A yellow color code indicates If the GISC is not accessible.

The harvesting every three hours runs in incremental mode, but at each cycle, two GISCs are subject to full harvesting, marked by asterisk \*.

Missing or excessive metadata can be checked with **+/-** buttons, a download option is also available. The monitoring overview clearly shows that some GISCs update without significant delay, whereas others need up to 24 hours, which is within the requirement though. If action seems required, DWD contacts the identified GISC.

The DWD metadata monitor is accessible under <http://oai-test.dwd.de/oaimonitorgui>

### Results

Deutscher Wetterdienst offers an operational metadata monitoring of all operational GISC accessible under <http://oai-test.dwd.de/oaimonitorgui> The monitoring results are marked in color coded form. DWD contacts a GISC if corrective action seems appropriate.

**Recommended text for report**

The meeting noted the presented results from Germany about a monitoring procedure of all operational GISCs available on the internet under <http://oai-test.dwd.de/oaimonitorgui>

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