Data Providers Metrics Needs

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From the "Report of the 2nd GEO data Providers Workshop

Report on break-out sessions

- **Highlights the importance of statistics for providers (user contacts, search hits)**
- Having global statistics on data search (data type and location)
- How data was used – statistics by who, from where
- Statistics about number of dataset clustered by topic/region
- Usability statistics
- Important to have statistics and origin request
- **A Data providers dashboard showing statistics on my data catalogue including usage, data metadata quality metrics would be nice**
- Usage statistics sent via e mail to each provider including all errors regarding the datasets
- Statistics: what type of users access which resources…
- Statistics: no. of users accessing a given resource?
- **Compulsory: Access to the statistics has to be in real time for the data provider and for the operations**
- Researching the statistics of using of services – feedback;
“GEOSS Facilitator” (We operate for the Energy community) since 2008

Gather, spread and promote the use of Earth observation data for Energy

Support GEO VENER (GEO Vision for ENERGY) initiative

Network of 20 resource providers
  - Research & Gov. Ag., NGO, Industries, Companies, SMEs

SDI based on Open Standards (OGC, ISO, INSPIRE)

Link to GCI through our OGC/CSW Catalog
  - Weekly harvested by the DAB -> GEOSS Portal
• 20 resource providers
• 80 harvested end-points
• Over 1600 resources WS
• 95% harvested

* a selection of more than 150 providers
Quite good knowledge about webservice-energy SDI metrics

- Internal statistical tools (GeoNetwork, Awstats, Google Analytics)
- External status checker (FGDC Status Checker daily report)
- GEO DAB statistics “big picture”

What I don’t know from the GEOSS Platform

- Performance (metrics) of the information I provide or represent?
- Performance (metrics) of similar information (e.g., Energy, solar, wind)?
Data providers need for metrics

For any **GEOSS registered data providers**
- Enable **access to on-demand statistics** of GEOSS Platform components

**Expected benefits** for data providers and GEO communities
- Support data providers organization DMP (Discoverability, accessibility, …)
- Reward data providers efforts regarding GEO recommendation on interop.
- Better fine-tune information and metadata content
- Improve global EO data quality
Thank you

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