

Data Portals

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■ Data portals – current status

- In general user need a lot of data or products
- Data portals should give an overview of existing data
- Currently exists a huge number of data portals, either for services or value-added products or raw data
- Could also be seen as a communication tool between user and producer

■ GNU approach

- Criteria have been defined and questionnaires elaborated
- A number of data portals have been analyzed by the consortium members
- GNU core group and extended consortium members shall elaborate some key criteria
- Recommendations for improvement of data portals in an open discussion between users and producers

Data Portals

- Land monitoring portal (www.land.eu)
- GEO Portal (www.geoportal.org)
- Geonode of ETC LUSI (<http://158.109.174.72:8080/geonetwork/srv/en/main.home>)
- GCMD (<http://gcmd.nasa.gov/>)
- CDIAC (<http://cdiac.ornl.gov/>)
- USGS - U.S. Geological Survey (<http://www.usgs.gov/>)
- SPOTcatalogue (former SIRIUS) (<http://catalog.spotimage.com/PageSearch.aspx?language=UK>)
- OneGeology (<http://www.onegeology.org/>)
- Inspire geoportal (<http://www.inspire-geoportal.eu/>)
- GSE Forest Monitoring Catalogue (<http://www.informus.de:8080/portal>)
- Google Earth - Version 5.0.1 (<http://earth.google.com/>)
- NDBC OPeNDAP/DODS Data (<http://www.ndbc.noaa.gov/>)
- Giovanni (<http://daac.gsfc.nasa.gov/giovanni/>)
- Geoproxy Thuringen (http://www.geoproxy.geoportal-th.de/geoclient/start_geoproxy.jsp)
- Enviroportal (<http://enviroportal.sk/ism/cms.php>)
- GeoPortal.Bund (<http://geoportal.bkg.bund.de>)
- The Forest Carbon Portal (<http://www.forestcarbonportal.com>)
- European Forest Information Portal (EUROFOREST Portal) (<http://forestportal.efi.int/>)
- NASA LAADS (<http://ladsweb.nascom.nasa.gov/>)
- PortalU (<http://www.portalu.de/>)

■ Availability and Functionality

- High variety in terms of user friendliness, transparency, handling, access, graphics, etc.
- How is the portal functionality or handling realized?
 - Design, search, metadata, access
 - Download of data in reasonable time possible?
- How can data portals be optimized?

■ Seed questions

- Which web based data systems are you acquainted with?
- Which data systems do/did you actually use (regularly/sometimes/once)?
- Did you enter/register data-products in a data system? If so, which?
- What would be a barrier to enter/register data in a data system?
- What are the pros and cons of certain data systems, why do you prefer some over others, what should be improved?
- What is the advantage to obtain data-products from a data system (rather than directly)?
- If you are a provider, what is the incentive to enter/register data-products in a data system?
- To find suitable data-products, which meta-data are most essential to you?

■ General Considerations

- Do we need such a variety of data portals?
- Or is it enough to have a standardized data support at hand (GMES / INSPIRE standards) → harmonisation?
- This is an open issue – data can be located anywhere → how can they be found (via tags, ...)?
- Including a feedback mechanism for the users → interactive and easy (Web 2.0)