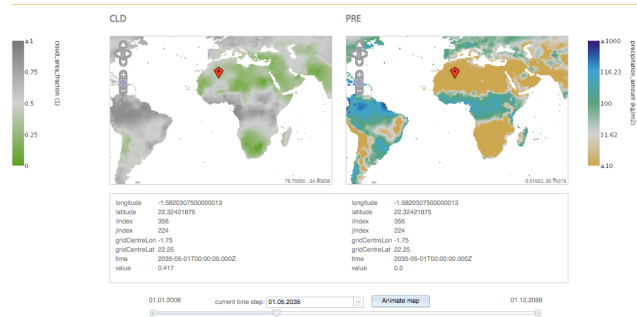



**SUSTAINABLE
LAND MANAGEMENT**
**COMPARE2MAPS -
Fact Sheet**

Linked Time Series Visualization in GLUES GDI

Most of the scientific data published in the GLUES GDI is time series data. The web client „COMPARE2MAPS“ has been developed to enable a simple comparison and visual analysis of two datasets without installation of a massive GIS or other software. „COMPARE2MAPS“ is an extension of the TIME4MAPS web-client. It shows spatio-temporal changes of environmental data. The data must be provided by OGC WMS Services (supported versions: 1.1.1 and 1.3.0). The interactive map client enables to select one spatial and temporal extent for both linked maps. The animated maps can be controlled with a time slider. A click on one of the maps provides concrete information (displayed below the maps) and values of the selected points for the actual time step in both maps.

COMPARE 2 MAPS



An example with air temperature time series data of a GLUES partner is available here:

<http://geoportal-glues.ufz.de/applications/compare2maps.html>

How to visualize your data in COM- PARE2MAPS

The GLUES Geoportal provides an interface to visualize the time series data of a selected WMS in COMPARE2MAPS:

http://geoportal-glues.ufz.de/applications/time4maps_ownservice.html

<http://geoportal-glues.ufz.de/use/applications.html>

Simply type in the service URLs and WMS versions and the first map layers will be visualized in COMPARE2MAPS. You can also select other layers. The visualization is limited to dataset that have the same temporal resolution and the same time description format. Web service without time-aware data can be visually compared in COMPARE2MAPS, too.

How to embed COMPARE2MAPS in your own website

COMPARE2MAPS is a simple browser client written in JavaScript (based on OpenLayers and Dojo), JSP and Java. To integrate Compare2Maps in your website you can use an iFrame and adopt the code below with your WMS link:

```
<IFrame id="c2m_frame"
src="http://geoportal-glues.ufz.de/
Tim4Maps/index_compare.jsp?
url=<Your-WMS-URL>&version=1.3.0&
layer=<Your-Layer-Name>&
url2=<Your-WMS-URL>&version2=1.3.0&
layer2=<Your-Layer-Name>" />
```

To get regular information about source code updates and maintenance, please inform the GDI team about using Compare2Maps. If you want to fully integrate or implement extensions for Compare2Maps you can get the source code, too.

For further information please contact:

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