

## GLUES GDI Metadata acquisition

In the GLUES GDI Metadata is stored in a central metadata catalog which is available at:

<http://catalog-glues.ufz.de/terraCatalog/Start.do>

Partners of GLUES and the regional projects of the Sustainable Land Management funding measure can publish and share metadata in the GDI. The metadata should help to find data and provide basic information about its provenance, quality, producer, licensing etc.

To acquire metadata you need to register to our catalog. You can request an account in the login section of the catalog (right top of the window). For information regarding the registration please contact Matthias Müller (matthias\_mueller at tu-dresden.de).

To obtain meaningful and consistent metadata the author has to follow the guidelines explained below. The fact sheet structure follows the structure of the catalog metadata input forms, but it is only listing fields with specific requirements for the GLUES GDI. It provides a [formal description] and *an example* for each **metadata input field**. All other fields you should fill up to the best of your knowledge. If you have questions do not hesitate to ask us. The last step before your metadata is published is an automatic evaluation that helps to assure that the metadata is consistent and complete.

### Description

- **Title:** Please provide a meaningful title. For model/simulation outputs it should contain the model name and theme of the dataset.

[model name] [dataset name / theme]  
*CAPRI prices quantities*

- **Abstract:** Give a short summary and mention units and temporal resolution, if it is used in the dataset.

[sum]. Unit: [dataset unit], Temporal resolution: [temporal resolution of dataset]  
*The dataset deals with barley.*  
*Unit: quantities (Euro/US Dollar (years)).*  
*Temporal resolution: annual every 10 years.*

<http://catalog-glues.ufz.de/terraCatalog>

- **Identifier:** Classify your dataset by project and organisation. At first, define codespace.

GLUES partner use  
urn:glues:[acronym of organisation]:metadata:dataset  
*urn:glues:pik:metadata:dataset*

GLUES regional projects use  
urn:[project name]:[acronym of organisation]:metadata:dataset  
*urn:lucchi:ifg:metadata:dataset*

Other datasets should be marked as  
urn:glues-ext:[organisation]:metadata:dataset  
*urn:glues-ext:oeed:metadata:dataset*

(The term "dataset" should be replaced by the term "service", if a service should be registered.)

Afterwards, type in the code, which is the name of your dataset in lowercase without spaces

**Dataset name:** *GLUES Regions*  
**Code:** *gluesregions*

### Categorisation

- **Hierarchy level name:** Classify your dataset by project and organization. This metadata field allows the user to find the dataset via the menu item "Categories" in the metadata catalog.

GLUES partner use:  
GLUES, [acronym of organization],[scenario], [glues scenario]  
*GLUES, PIK, A1, Baseline*

GLUES regional projects use:  
EXTERN, [project name], [scenario]  
*EXTERN, CarBioCial, B2*



**MODULE**

»INTERACTION BETWEEN LAND MANAGEMENT, CLIMATE CHANGE AND ECOSYSTEM SERVICES«



# SUSTAINABLE LAND MANAGEMENT

Others use:

OTHER, [scenario]

OTHER, B1

Available scenarios are SRES A1, A1B, A2, B1, B2 and the scenarios developed in GLUES.

- **Descriptive keywords:** Classify your dataset by organization.

[organization name]

*Institute for Food and Resource Economics, Bonn University*

## Process step

- **Description:** Name the model the dataset is output of.

[modelName]

*CAPRI*

- **Rationale:** Describe rationale or purpose of the model in a few sentences.

*The CAPRI model is a comparative static global partial equilibrium model for the agricultural sector. ...*

- **Documentation:** Name important scientific publications that contain further information.

**Title**

[title]

*Mauser, W., Bach, H. (2009): PROMET - Large scale distributed hydrological modelling to study the impact of climate change on the water flows of mountain*

**Identifier**

[doi, isbn or issn]

*10.1016/j.jhydrol.2009.07.046*

**Other citation details**

[download url or further information]

*http://www.sciencedirect.com/science/article/pii/S0022169409004478*

- **Source:** Name input datasets of the model / simulation run. Each of these datasets must be registered with a separate metadata entry before. Use the exact names and urns of the registered datasets.

**Description**

[title as registered in catalog]

*FAOSTAT database domains*

**Identifier**

[urn as registered in catalog]

*faostatdatabasedomains (Codespace: urn:glues-ext:fao:metadata:dataset)*

If you have many similar datasets to be registered in the catalog (for example different thematic datasets that are output of the same simulation) it might be too time consuming to manually acquire the metadata for each dataset separately. For such cases we also provide automatic import functionalities. Please contact us for further information and support!

The GLUES metadata catalog is available at:

<http://catalog-glues.ufz.de/terraCatalog/Start.do>

For further information please contact:

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