








Project data and GIS development

DonauDatenKatalog

Jointly for our common future




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The outputs of Interreg IIIB project CADSES Donauregionen DonauDatenKatalog will be the starting point of these project activities. The WEB based approach, direct input to the project dynamic Website with the possibility of input of the relevant data and metadata will be available.

In the previous project it was created by Mr. Weihs and Mr. Adelhard within Umwelt ObjectKatalog under the Bayerisches Staatsministerium für Umwelt in München.

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At the present time DonauDatenKatalog (Danube Data Base) includes:




- Danube_address (518 records)
- Danube_Data_Catalogue (1 571 records).

Danube_Data_Catalogue includes metadata, data (documents) and raster images.

The Danube Data Base as subset of the UmweltObjectKatalog is at the moment still available on:
<https://www.uok.bayern.de/system/servlet/ServletStart?fs=true>

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Detailed information about login, passwords and work with Danube Data Base can submit to You Mr. Hanus and Mr. Nemeth, who participated on "Tutorial on Capturing and Providing of Metadata with the Donaudatenkatalog" in München.

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Bayerisches Staatsministerium für Umwelt in München will not more cooperate with our project. Therefore in this actual project we have to:

- Create similar metadatabase system on our equipment
- Transfer relevant records from Danube Data Base to this new system
- Continue with necessary update and insertion of new data

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Detailed format of data, possible operations and workflow will be specified in process of new DonauDatenKatalog development.

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In addition to metadatabase system, we would like to connect the partners and other people with the geographic informations created within our project.
To distribute maps and GIS capabilities via Web mapping applications and services, we will install an ArcGIS Server made by ESRI.

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ArcGIS Server from ESRI gives us the ability to centralize GIS software on application server and deliver GIS capabilities to large numbers of users over networks. Users will be connected to ArcGIS server using traditional desktop systems as well as Web browsers. GIS data on the ArcGIS Server will be managed centrally by user with appropriate permissions.

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ArcGIS Explorer Web Browser

Internet

ArcGIS Desktop LAN ArcGIS Server Personal Geodatabase

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ArcGIS Server is typically used by organizations that want to distribute their own GIS data. ArcGIS Server is part of a general trend in GIS development to abstract data delivery mechanisms from physical storage formats. In the services paradigm, services are consumed by applications through a specified interface.

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Server for GIS consists of hardware equipment and ArcGIS Server software system from ESRI. This configuration should be set into test operation on this year-end or beginning of next year, with GIS data created for project Donauregionen and Donauregionen+.

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