



UISBW

www.uis.baden-wuerttemberg.de

- Are you looking for real-time data on **air pollutants** ?
- Do you need a reliable **flood warning** ?
- Do you want to know, how to use **geothermal energy** at home ?

The Environmental Information System of Baden-Württemberg (Umweltinformationssystem Baden-Württemberg, UISBW) answers these and many more questions on the environment in Southwest Germany.

THE UISBW AT A GLANCE

An Environmental Information System merges a diverse amount of environmental data on topics such as water, soil, air, noise or nature and landscape. Today many data are automatically measured and provided on the Internet. The UISBW processes them for multiple usage, following international standards. Thus environmental developments may be recognised early and appropriate action may be initiated.

Modern databases and web technologies are applied to merge highly distributed data on the UISBW and to optimise data processing for public decision makers as well as for the citizens. An efficient reporting system accesses data from all over the UISBW and allows the automatic release of standard environmental reports. Users may customise their UIS interface meeting their special requirements.

USERS AND TASKS

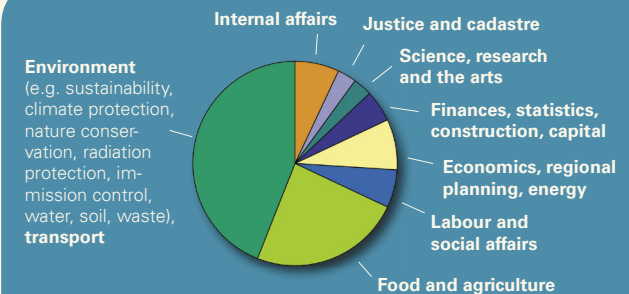
The UISBW addresses politicians and environmental authorities as well as enterprises, researchers and interested citizens. Its tasks are...

- measurement, analysis and forecast of regional and overall environmental situation
- support of state and local authorities in their executive tasks concerning the environment
- provision of reliable information for environmental decision makers
- facilitating close collaboration between state and local authorities even if environmental tasks cross administrative boundaries
- support of disaster control, e.g. in case of floods or storms
- comprehensive and up-to-date public information according to the Environmental Information Act of Baden-Württemberg
- supply of public web services within the E-Government

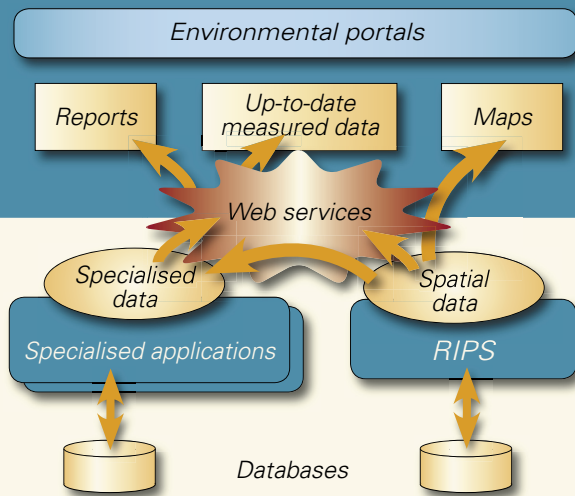
OPERATIONAL MANAGEMENT

The Ministry of the Environment, Nature Conservation and Transport (UVM) has been responsible for the interdepartmental coordination of the entire UISBW since its beginning in 1987. Together with the participating departments the UVM has developed many UIS components. The development is based on a framework conception, periodically updated due to changing requirements. The UIS Internet service started in 1996.

The State Institute for Environment, Measurements and Nature Conservation (LUBW), as the UIS headquarters, is responsible for the development and support of the UISBW. Other state authorities, the “Datenzentrale”, urban and rural districts, the federal government and federal states as well as research institutes and enterprises are involved in the development of UIS applications. The “Kommunaler Datenverarbeitungsverbund Baden-Württemberg” provides user support at the local level.



Environment-related tasks also occur in many departments and administrations beyond the environmental authorities.



INTERACTION OF THE APPLICATIONS

The UISBW comprises a variety of components which are adapted to the specific requirements and which interact on the levels of content and technology such as:

- Environmental portals provide main access to distributed environmental information on the Internet.
- Web services based on the Internet act as information brokers between different fields of information.
- Interactive map services help illustrate environmental data. The Spatial Information and Planning System (RIPS) provides the required spatial data both on the Intranet and the Internet.
- Databases and specialised applications concerning essential environmental issues are administrated e.g. by the Information System WIBAS, which covers the environmental fields of Water, Immission Control, Soil, Waste and Occupational Health and Safety.

IMPRINT

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PUBLIC INFORMATION ON THE INTERNET

Plenty of the UIS information is available via Internet.
Among the websites are:

- www.umwelt-bw.de

The Environmental Information Portal of Baden-Württemberg merges data, press releases, environmental reports and further information from many public sources.

- www.uis.baden-wuerttemberg.de

The website provides more detailed technical information on the UISBW.

- www.uvm.baden-wuerttemberg.de

The Ministry of the Environment, Nature Conservation and Transport informs about current developments and the services offered.

- www.lubw.baden-wuerttemberg.de

The LUBW website provides comprehensive and professional environmental information.

- brsweb.lubw.baden-wuerttemberg.de

The Data and Map Service of the LUBW provides direct access to measured and spatial data.

- www.fachdokumente.lubw.baden-wuerttemberg.de

The digital library "Fachdokumente Online" provides specialised environmental documents.

- www.themenpark-umwelt.baden-wuerttemberg.de

The "Themenpark Umwelt" describes a selection of environmental topics of regional relevance.

- www.umweltakademie.baden-wuerttemberg.de

The Environmental Academy is dedicated to environmental education.



UIS BW

Environmental Information System of Baden-Württemberg

Comprehensive Environmental
Information for Citizens
and Public Authorities