Informační systémy

CENIA, česká informační agentura životního prostředí
2008

Dostupný z http://www.nusl.cz/ntk/nusl-295549

KEY MESSAGES

Easy access to the basic set of statistical data on the environment in the Czech Republic is offered by ISSaR – the Information System of Statistics and Reporting.

Partial information systems of the section provide detailed monitoring results and observation of individual environmental components.

The metaportal of the Ministry of the Environment offers comprehensive information about the department's data sources.

The Map Services of the Public Administration Portal ensure presentation of the selected spatially bound information, both pertaining to and outside of the environment.

Other geographical information systems supplement the department's information services with detailed data including spatial dimensions.

REFERENCES AND OTHER INFORMATION

⊙ **Ministry of the Environment** – http://www.mzp.cz

⊙ **CENIA, the Czech Environmental Information Agency** – http://www.cenia.cz

⊙ **Information portals**
The Information System of Statistics and Reporting – http://issar.cenia.cz
The Metainformation System of the Ministry of the Environment – http://mis.cenia.cz
The Environmental portal – http://portal.cenia.cz
The National environmental geoportal – http://geoportal.cenia.cz
The Nature conservation portal – http://portal.nature.cz
The Geology portal – http://www.geology.cz
The Meteorology, air and hydrology portal – http://portal.chmi.cz
The Bibliographic and document service portal – http://www.mzp.cz/ris

⊙ **The most important information systems of the department of the environment**
The Integrated Pollution Register (IPR) – http://www.irz.cz
The EIA Information System – http://www.cenia.cz/eia
The SEA Information System – http://www.cenia.cz/sea
The IPPC Information System – http://www.ippc.cz
The Air Quality Information System – http://www.chmi.cz/uoco
The Hydroecological Information System – http://hydro.chmi.cz/ojv, http://heis.vuv.cz
The Central Register of Nature Conservation – http://drusop.nature.cz

Information Systems

THE ENVIRONMENT OF THE CZECH REPUBLIC

cenia

Ministry of the Environment
of the Czech Republic

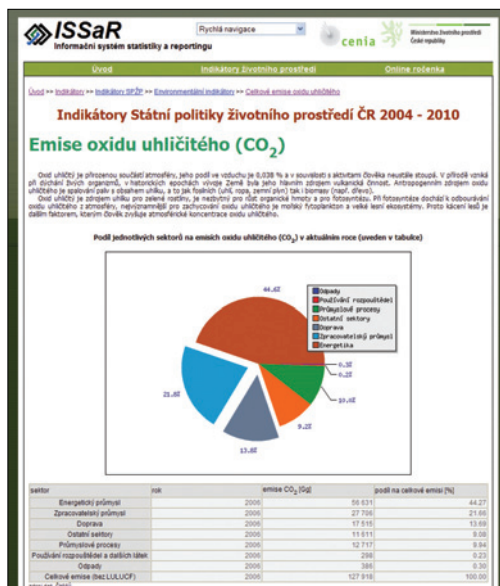STATE ENVIRONMENTAL
FUND OF THE
CZECH REPUBLIC

The right to timely and correct information on the environment and the public's access to this information are guaranteed by Act No 123/1998 Sb., on access to environmental information. It mandates that the information shall be actively accessible, and imposes the requirement to maintain and update electronic databases and make the sources accessible through the Internet.

In the following outline, we describe the main information systems of the department providing aggregated outputs of all accessible sources within and outside the environmental sector. The list is complemented by links to the most important information systems and specialised portals.

ISSaR – INFORMATION SYSTEM OF STATISTICS AND REPORTING

ISSaR represents a single communication interface providing access to a representative set of statistical data on the status of the environment in the Czech Republic in comprehensive time lines. The system enables the use of shared access to data and electronic publishing of obtained data. It was designed as a shared tool of all department organisations and as an important source of the department's statistical information. CENIA, the Czech Environmental Information Agency, is responsible for the development and administration of the system.

The data in this information system are official authorised information with source citations. The data sets and sources are summarised on the metadata basis and they are thoroughly localised

The database is supported by an Internet presentation (http://issar.cenia.cz) that makes the processed on-line data available to the end-user. The data are divided into groups that correspond to the structure of the department's printed statistics found in the Report on the Environment of the Czech Republic. The presentation of the Environmental Indicators represents a special output.
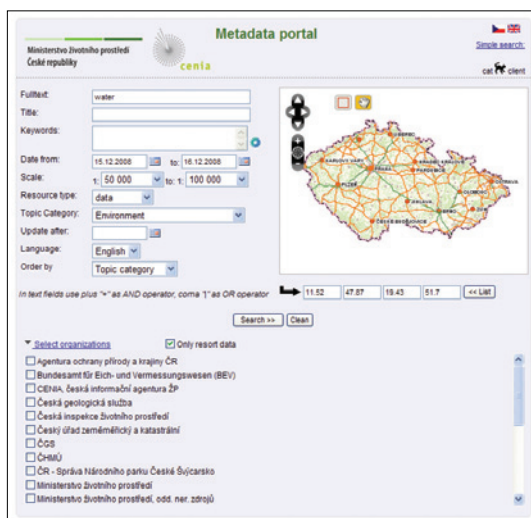
⊙ **Illustration of the ISSaR Internet
http://issar.cenia.cz**

MIS – METAINFORMATION SYSTEM AND THE METAPORTAL OF THE MINISTRY OF THE ENVIRONMENT

MIS is a specialised information system that makes "metainformation" (information about information) accessible to the public. CENIA, the Czech Environmental Information Agency, is responsible for developing and administering the MIS. The system offers complete information on databases and information systems (including geographical ones), operated by the departments's organisations in a single interface. It is possible to determine from the description what data the organisations have at their disposal, in what format and quality and information on the possibilities of obtaining and sharing these data. Through the Metaportal (http://mis.cenia.cz), which communicates with other systems, the user can obtain access to all metadata of the department from a single source.

In connection with the implementation of Directive 2007/2/EC of the European Parliament and of the Council of 14 March 2007 establishing an Infrastructure for Spatial Information in the European Community (INSPIRE), the Metaportal of the Ministry of the Environment is being prepared for inclusion into the National Information Portal.
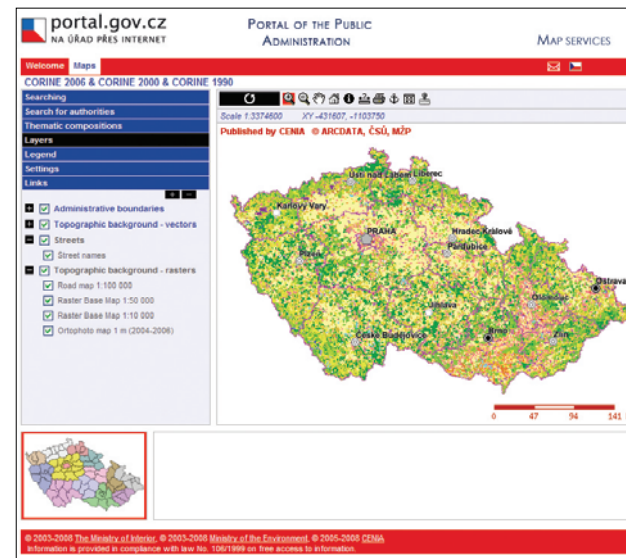
⊙ **Illustration of the single search interface of the Metaportal of the MoE
http://mis.cenia.cz**

MAP SERVICES OF THE PUBLIC ADMINISTRATION PORTAL

The Map Services of the Public Administration Portal (http://geoportal.cenia.cz) is an entrance gate to spatial information about the environment in the Czech Republic. It is for the Ministry of Internal Affairs operated by CENIA, the Czech Environmental Information Agency. The map server offers continuously updated information guaranteed by the state and is provided in accordance with Acts No 106/1999 Sb., on free access to information, and No 123/1998 Sb., on the right to information about the environment.

Currently, the Map Services portal has more than 60 thematic maps (compositions) containing data not only on the environment, but also from other fields of human activity (e.g. transport, territorially administrative divisions, civil amenities in municipalities, etc.). Others are being continuously added.

⊙ **Illustration of the map portion of the Public Administration Portal
http://geoportal.cenia.cz**

⊙ **Visitors to the Map Services of the Public Administration Portal, 2006–2008**
Source: CENIA