

This thesis describes and analyzes the current state of environmental management of geographic data within geoinformation infrastructure of the Czech Republic in response to European legislation. The work is divided into four main parts. The first part deals with geoinformation infrastructure of the Czech Republic in its basic components due to the efficiency of the management of geographic data. Another part deals with the general characteristics of geospatial data underlying the description methods, organization and retrieval in the next section. The final part of its qualitative research describes in detail the management of geospatial data in the environmental sector, which is affected by the phenomenon of the implementation of INSPIRE and draws conclusions and recommendations. The work also supports the analysis of the availability of data sources for the implementation of the INSPIRE directive, the questionnaire used as a guide for research purposes, to illustrate the services Geoportal three pictures.