

## DRAFT MODEL METHODOLOGY FOR CREATING REGIONAL GEOPORTAL

*Alexey V. Shevin*

Siberian State University of Geosystems and Technologies, 10, Plakhotnogo St., Novosibirsk, 630108, Russia, Ph. D. Student, e-mail: ashevin92@gmail.com

The aim of the work is to describe the project of a typical methodology for designing a regional geoportal. On the basis of the analysis of domestic and foreign experience in the design and development of geoportals, the necessity of combining the accumulated knowledge in the form of a typical geoportal design methodology is determined. The General tasks, the implementation of which should provide a typical geoportal, are defined. Groups of users of the geoportal are designated and access levels are distributed. The structure of a typical geoportal with a description of all structural elements is given. The interaction diagram of the structural elements of the geoportal demonstrates the order of processing user requests and placement of spatial data packets.

The choice of software for geoportal design and database management system operation was made in favour of free-distributed solutions as their source code is open to public access, which gives ample opportunities to create additional functions and services.

**Key words:** geoportal, mapping, spatial data infrastructure, geodata, spatial information, metadata.

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