

SPATIAL DATA INFRASTRUCTURE IN THE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY FEB RAS: CURRENT STATE AND FUTURE EVOLUTION

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Creation of spatial data infrastructure (SDI) is one of the modern trends of geoinformation technologies evolution, which provides access to the distributed and heterogeneous resources of spatial data via the Internet. The article provides a description of the IVS FEB RAS SDI and its main elements – metadata management system; geoportal that provides a single point of access to the distributed volcanological and seismological data and services; open access repository that is an archive of scientific publications on the IVS fields of interest and objects of investigation.

Keywords: metadata, spatial data infrastructure, geoportal, geoservices, repository, volcanoes.