

Spatial data infrastructure for the scientific research

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Prospects to establish the Academic spatial data infrastructure as part of a single scientific field of the Russian academy of sciences (RAS) are discussed. The results of its implementation are given, including geo-portals of future shared network nodes like «GeoMeta» Computing Centre of RAS (<http://www.geometa.ru>) and Institute of Geography RAS (<http://asdi.igras.ru>), and a project for the nature protected territories of Russia, based on an integrated application schema in accordance with the specifications of the INSPIRE Directive of the European Union.

Key words: spatial data, spatial data infrastructure, geoportal, protected site, metadata.

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