

# Serbia

## New digital platform for National Geospatial Data Infrastructure in Serbia

Serbia's Republic Geodetic Authority has developed a new portal, geoSrbija in cooperation with its partner Statens Kartverk, the Norwegian Agency for Cadastre and Cartography.

This completely new platform within the National Geospatial Data Infrastructure (NSDI) is a new concept for managing geospatial data, with an architecture that provides a higher modularity and is fully focused on user needs. It brings together all spatial data at the state level, which is of great importance to state authorities, businesses and citizens, and can be used with either a Serbian or English interface. The digital platform can be accessed via the NSDI website at [www.geosrbija.rs](http://www.geosrbija.rs), directly through the link [a3.geosrbija.rs](http://a3.geosrbija.rs) or through the mobile application for android via the Google Play store.

All spatial data delivered by organisations such as the Republic Geodetic Authority, Statistical Office, Hydrometeorological Service, PE Roads, Seismological and Geological Surveys, Institute for Nature Conservation of Vojvodina Province and Environmental Protection Agency are available via geoSrbija. Users can access data including land, buildings, addresses, protected areas, national parks and altitudes, together with a metadata description. Providing such a wide range of spatial data from state authorities in one place online enables greater transparency of their work and empowers users with greater security when making important decisions.

This development, in addition to providing easy access to reference data, also gives greater functionality; tools are available for searching data as map data, addresses or cadastral parcels, drawing and measuring objects, setting up personalised workspaces and creating overlay analysis. Users can also overlay existing data with external information, either by adding a single data file in a supported format from a PC or through WMS. The application is compatible with mobile devices and enables crowd sourcing through mobile phones or

tablet devices, which means the public can contribute by reporting natural phenomenon such as fly tipping and floods. Public access to reference data and reporting errors also helps improve data quality.

The main purpose of this platform, however is to improve the business processes of all state institutions and help them to collect new or update existing data. For example, the platform enables search from the Address Register database and its visualisation. A tool has been developed for the Register that will allow faster and more efficient updating of the registry, as well as elaboration of the address system in just a few seconds.

This platform will contribute to the development of the open data concept as it allows the download of spatial data as well as the greater integration of scientific results with the work of state authorities.

