

## Armenia

Cadastre Committee of the Republic of Armenia

# Implementing the National Spatial Data Infrastructure in Armenia

*“The implementation of the National Spatial Data Infrastructure (NSDI) and the launch of the National Geoportal is an opportunity to improve spatial data management, carry out spatial analytical work, make open and transparent decisions, ensure wider public involvement, as well as to save, target and effectively manage resources and time.”*

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Armenia has introduced legislation to regulate, standardise and coordinate national spatial data, geodetic, and cartographic activities.

The new laws recognise the importance of the Cadastre Committee’s work, which in 2023 included digitisation of basic cartographic layers using orthophotos. These layers are available to the public after import into the new geoportal.

Users then have access to automatically updated layers (land plots, building, land fund, type of ownership, cadastral layers) with the ability to view, search, analyse and process on one single platform. As a result of data exchange via the geoportal, applications received from state bodies have been reduced by a third compared to 2022.

The number of users of the platform has increased significantly and include various sectoral, entrepreneurial, scientific research, and private companies.

The ‘Metadata Catalogue’ module contains metadata about the vector and raster spatial data available from the Cadastre Committee, which is continuously updated. It also provides the ability to create and search metadata.

During the year, the locations of geographical names were adjusted. As a result of this standardisation, a database of around 35,000 geographical names was created and entered into the national geoportal. Conventional symbols were designed and created for geographical object types. In addition, approximately one million addresses were adjusted and standardised for the creation of the GIS database, which will serve as a basis for the Unified Address Registry.

Cadastral maps are now almost completely maintained online, which means that users have 24/7 access to cadastral maps without physically visiting government offices and are able to receive detailed information about plots, ownership, zoning and land use. In 2023, the mobile application of the Cadastre Committee was launched, which made it more convenient to use its services.



More information

<https://geoportal.am>

[www.cadastre.am](http://www.cadastre.am)

## Benefits

- Enables easier and more efficient data exchange between private sector and government bodies via the geoportal.
- Provides state administration agencies with wider access to national geoportal- enabling them to complete analysis, receive complex information and make well-informed decisions.
- Standardising geographic names reduces confusion about location and contributes to the preservation of historical and cultural values.
- Provides up to date online information through the national geoportal by standardising addresses.
- Adjustment of addresses provides an opportunity to improve the quality of service provision in a number of areas and increase the level of public safety.

