

Geographic names

The GML file products containing geographic names comprise of place name products and map name products.

The place name products include data about approximately 800,000 named places and their names in different languages. Data about place are among others place type, plane location and height above sea level, and data about names are among others the spelling that has been checked by the Institute for the Languages of Finland and language (Finnish, Swedish, Northern Sami, Inari Sami or Skolt Sami. In the place name products, every place and its name or names appear only once.

The map name products contain the place names that have been selected for the National Land Survey's nine standard map products and information about the cartographical presentation of them. The information includes the location of the name on the map, for instance the coordinates of the left lower corner of the map text, the direction and bending of the text as well as typographical information, such as font type, size and colour. The name of a particular place, such as a river, can appear several times in the same map product.

The file products containing geographic names are GML files whose contents are equivalent to the interface products in the Geographic names search service (WFS). One file always contains the data about the entire country. There are two place name products (Places and Place names), nine map name products, one for each map product (map scale).

The geographic names products are available for downloading on the National Land Survey's File service of open data <https://tiedostopalvelu.maanmittauslaitos.fi/tp/kartta/?lang=en>

Purpose:

Checked and up-to-date geographic names information serve for instance the accurate communication between authorities and media, geocoding, spatial data systems, map production, map applications and their location searches, national and international standardisation of place names, geographical names planning, research in various fields and all those who need information about what is the correct or recommended way to spell the name of a particular place.

Geographic location

Entire Finland

Responsible party

National Land Survey of Finland

Spatial representation info

Geometry only

Data content

WFS service and files with Geographic names

The data content of the GML files containing geographic names is equivalent to the data content and XML schema of the three interface products in the Geographic names search service (WFS): Places, Place names and Map names. Each product is delivered with the product's schema and definitions of the codes used in the product as separate XML files.

The customer and technical documentation of the GML file products is equivalent to the corresponding documentation of the geographic names search service (WFS), see <http://www.maanmittauslaitos.fi/kartat-ja-paikkatieto/asiantuntevalle-kayttajalle/kartta-ja-paikkatietojen-rajapintapalvelut-3>.

GML file products containing geographic names:

Places (approx. 800,000 places and names)

All places and place names in the Place Name Register. The data content corresponds to the product Place names, but the data structure is different.

Place names (approx. 800,000 places and names)

All places and place names in the Place Name Register. The data content corresponds to the product Places, but the data structure is different.

Map names 1:25,000 (approx. 800,000 names)

The geographic names in Basic map. Also available as a GML geographic names element of the Topographic database, see sub-elements of Topographic database:

https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2017/05/Maastotietokannan%20sis%C3%A4lt%C3%B6%20teemoittain_0.r

Map names 1:50,000 (approx. 360,000 names)

The geographic names in Topographic map 1:50,000.

Map names 1:100,000 (approx. 170,000 names)

The geographic names in Topographic map 1:100,000. Also available as a part of the product Topographic map 1:100,000, see

<http://www.maanmittauslaitos.fi/en/maps-and-spatial-data/expert-users/product-descriptions>

Map names 1:250,000 (approx. 45,000 names)

The geographic names in Topographic map 1:250,000. Also available as a part of the product Topographic map 1:250,000, see

<http://www.maanmittauslaitos.fi/en/maps-and-spatial-data/expert-users/product-descriptions>

Map names 1:500,000 (approx. 10,500 names)

The geographic names in Topographic map 1:500,000.

Map names 1:1,000,000 (approx. 2,600 names)

The geographic names in General map 1:1,000,000. Also available as a part of the product General map 1:1,000,000, see

<http://www.maanmittauslaitos.fi/en/maps-and-spatial-data/expert-users/product-descriptions>

Map names 1:2,000,000 (approx. 700 names)

The geographic names in General map 1:2,000,000.

Map names 1:4,500,000 (approx. 250 names)

The geographic names in General map 1:4,500,000. Also available as a part of the product General map 1:4,500,000, see

<http://www.maanmittauslaitos.fi/en/maps-and-spatial-data/expert-users/product-descriptions>

Map names 1:8,000,000 (approx. 30 names)

The geographic names in General map 1:8,000,000.

Maintenance

The dataset in the Geographic names search service (WFS) is updated once a week. The GML file products containing geographic names in the File service of open data is updated three times a year.

▼ Quality information

Lineage

The geographic names products are based on the National Land Survey's Place Name Register and the data checked by the Institute for the Languages of Finland.

Conformity

COMMISSION REGULATION (EU) No 1089/2010 given 23 November 2015, implementing Directive 2007/2/EC of the European Parliament and of the Council as regards the interoperability of spatial data sets and services.

2010-12-08

The conformity has not been assessed.

The product does not meet the specifications.

► Distribution and further information

► Pricing