TREES IN THE NETHERLANDS

Spatial scale / resolution:	10 x 10 meters
Spatial coverage:	Netherlands
Temporal range:	2017 (publication date)
Data source input data:	https://www.atlasleefomgeving.nl/kaarten
Data format input data:	ASCII (*.asc)
Data format output data:	GeoTiff (*.tif)
Data storage output data:	..\Source_data\Greenspace
Files:	ANK_084_20170314_gm_Bomenkaart_percentage.asc

Data description

The "Bomen in Nederland" dataset shows all trees in the Netherlands, offered by the Institute for Public Health and Environment (Rijksinstituut voor Volksgezondheid en Milieu, RIVM). All trees (> 2.5 meters) are presented in a raster map with a resolution of 10 x 10 meter. The trees are expressed as percentage trees per grid cell. This dataset is derived from the AHN2 and AHN3 files ("Actueel Hoogtebestand Nederland", resolution of 0.5 m), the BAG buildings ("Basisregistratie Adressen en Gebouwen") and the Infrared aerial photo (CIR file, resolution of 0.25 m). The dataset can be viewed in https://www.atlasleefomgeving.nl/kaarten and downloaded as ascii file.

In addition, RIVM offers a dataset on the height of the trees in the Netherlands, as well as datasets on the shrubs and low vegetation in the Netherlands. The map "Groenkaart van Nederland" combines the tree dataset ("Bomen in Nederland"), shrub dataset ("Struiken in Nederland") and the low vegetation ("Lage vegetatie in Nederland'), as well as vegetation in agrarian areas. This map can be viewed in https://www.atlasleefomgeving.nl/kaarten.

For more information visit: https://www.atlasleefomgeving.nl/en/explore/nature/green-living-environment

Variables

The grid dataset contains the coverage (%) of trees (> 2.5 m) per 10x10 meter grid cell.

Data source

The data is produced by the Institute for Public Health and Environment ("Rijksinstituut voor Volksgezondheid en Milieu", RIVM) and can be downloaded via the online Atlas Leefomgeving: https://www.atlasleefomgeving.nl/kaarten.

Map example: percentage of trees per m² in the Netherlands

Contact information

Atlas Leefomgeving

Rijksinstituut voor Volksgezondheid en Milieu (RIVM)

E-mail: atlasnatuurlijkkapitaal@rivm.nl

Terms and conditions

No usage restrictions

List of references

Atlas Natuurlijk Kapitaal (ANK), http://www.atlasnatuurlijkkapitaal.nl

https://www.atlasleefomgeving.nl/bomen-in-nederland-0

http://nationaalgeoregister.nl/geonetwork/srv/dut/catalog.search#/metadata/962ad4d1-f7c2-4efe-80bf-af56cbb675aa?tab=general