



METATIETOPALVELU

PIKAOHJE HELP

HAKU

SUOMEKSI IN ENGLISH

KUVAUS



CORINE LAND COVER 2006

Metatiedon tiedot

Metatiedon kieli:	en
Metatiedon julkaisupäivämäärä:	2013-06-26
Metatiedon viimeisin päivitys:	2016-02-09
Metatiedosta vastuussa oleva osapuoli:	Finnish Environment Institute
Organisaation rooli:	Yhteystaho
Vastuutahon sähköposti:	gistuki.syke[at]ymparisto.fi

Aineiston tunnistamistiedot

Aineiston nimi:	Corine Land Cover 2006
INSPIRE-id:	1000057
Aineiston päivityspäivämäärä:	2008-03-01
Aineiston kieli:	fi
Tiivistelmä:	CORINE Land Cover 2006 dataset provides information on Finnish land cover and land use on 2006, and it's changes from 2000 to 2006. The data was produced as a part of the European CLC 2006 project.

Dataset includes several spatial layers:

- CLC raster (resolution of 25x25 m) and one in
- CLC vector (minimum mapping unit 25 hectares and minimum width 100 m).
- Source raster (resolution of 25x25 m) on the source data used in the interpretation
- Age raster (resolution of 25x25 m) on the year of the source information
- Change vector (minimum mapping 5 hectares)
- Change raster (minimum mapping unit 1 hectares)

The dataset has been produced in the Finnish Environment Institute (SYKE), based on automated interpretation of satellite images and data integration with existing digital map data. The vector dataset was produced from raster data by generalization according to the CORINE 2006 project class definitions.

The nomenclature of the vector data has 3 hierarchy levels. The first level classes are: artificial surfaces, agricultural areas, forests and seminatural areas, wetlands and open bogs, water and marshes. Second level has 15 classes and third level 44 sub-classes. The raster dataset has an additional fourth, national class in some of the sub-classes.

Aineiston status:	Valmis
Ylläpitotiheys:	tarvittaessa
Mittakaava:	1 : 100000
Aineistosta vastuussa oleva osapuoli:	Finnish Environment Institute (SYKE)
Aineiston vastuutahon rooli:	Omistaja
Aineiston vastuutahon sähköposti:	gistuki.syke[at]ymparisto.fi
Käyttötarkoitus:	The vector land cover dataset (25 ha) and the change dataset (5 ha) were produced for the European Environment Agency as a part of the European CORINE-project for harmonized land cover maps and statistics in Europe. The more specific raster dataset (25 m x 25 m) and the change (1 ha) was produced for national use to provide information on Finnish land cover and land use. The datasets are can be used in analyses and as background maps.

Information on the source material and age of the source element can be used to validate the results of analyses. The source material is generally from year 2006 (+/- 1 year).

Myötävaikuttanut taho:	National Land Survey of Finland
Myötävaikuttanut taho:	The Finnish Forest Research Institute (Metla)
Myötävaikuttanut taho:	EEA
Myötävaikuttanut taho:	MMM
Myötävaikuttanut taho:	VRK
Lisätietoja:	HTTP://GEOPORTAL.YMPARISTO.FI/META/JULKIENEN/DOKUMENTIT/CORINELANDCOVER2006_EN.PDF
Lisätietoja:	HTTP://GEOPORTAL.YMPARISTO.FI/META/JULKIENEN/DOKUMENTIT/CLC2006_LUOKAT.XLS
Lisätietoja:	HTTP://GEOPORTAL.YMPARISTO.FI/META/JULKIENEN/DOKUMENTIT/CLC2006_LUOKAT.PDF

 Esimerkkikuva

URL: [HTTP://GEOPORTAL.YMPARISTO.FI/META/JULKIENEN/KUVAT/CORINELANDCOVER2006.GIF](http://GEOPORTAL.YMPARISTO.FI/META/JULKIENEN/KUVAT/CORINELANDCOVER2006.GIF)

 Aiheluokka

Teema: Ympäristö

 Koordinaattijärjestelmä

Koordinaatisto: 3067

Vertausjärjestelmän organisaation tunniste: ETRS-TM35FIN

 Avainsanat Inspire-teemaluokka

Teema: Maanpeite

 Maantieteellinen kattavuus

Länsi (long): 18.3896

Etelä (lat): 59.4198

Itä (long): 33.1909

Pohjoinen (lat): 70.4022

 Muu kattavuustieto

Aloituspäivämäärä: 2006-01-01

 Laatumiedot

Historiatiedot: Satellite image interpretation
IMAGE2006 satellite image mosaic, which the CLC2006 is based on, consists 47 IRS P6 images and 36 SPOT 4/5 images from the years 2005 and 2006.

The satellite images were geometrically corrected by Metria Sweden. Atmospheric correction and in Northern Finland also topographic correction was executed in SYKE as well as manual cloud masking. After these corrections mosaicing of individual satellite images were carried out.

From the satellite images it was possible to estimate tree heights and both overall crown coverage and crown coverage of broad-leaved trees. These were produced in Finnish Forest Research Institute and the National Forest Inventory Data was used. During this process, the quality of the data was also verified. Automatic satellite imagery interpretation was also used to determine the land cover classes above the tree line in Northern Lapland. Some classes were also manually interpreted from the satellite images (eg. golfcourses).

Data integration with GIS data

Many geographic data sources were used in CLC2006 creation, most significantly Topographic Database of Finland, Digiroad (digital road database of Finland), SLICES land use database and CLC2000 database. Soil information and land use data from the geographic sources were integrated with data interpreted from satellite images. Detailed class definitions and production methods can be found in annex documents.

The resulting national raster database (25m x 25 m) was generalized according to the CORINE 2006 project class definitions and land cover change rules.

Rajoitukset

Saatavuus- ja käyttöehdot: SYKE applies Creative Commons By 4.0 International license for open datasets.

Source text:

National datasets(25m, 1ha) SYKE (partly METLA,MMM,MML,VRK)

EU datasets(25ha, 5ha) EEA, SYKE

Saantirajoitteet: Lisenssi

Käyttörajoitteet: Lisenssi

Turvaluokittelu: Julkinen

Lupateksti: See Resource Use Limitation for details.

Jakelutiedot

On Line -osoite: [HTTP://WWW.SYKE.FI/OPENINFORMATION](http://www.syke.fi/openinformation)

Metatietostandardin tiedot

Metatietostandardin nimi: ISO 19115 Geographic Information - Metadata

Metatietostandardin versio: DIS

/geoportal/rest/document?f=html&id=%7BDD648E4F-0478-4D32-8286-C2437EC87D33%7D