Corine Land Cover 2012

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Contents

1. Feature Attribute Description

The dataset is located in the INSPIRE2-database.

Clc2012EU25ha

Feature Attributes	Description
KohdeTunnus	ID-code of the polygon
Luokka3	Level 3 class (as text)
Level1	Main level class
Level2	Level 2 class
Level3	Level 3 class
MuutosPvm	Date when data has been modified in SYKE
Shape.area	Area of the polygon in square meters
Shape.len	Polygon perimeter in meters

Clc201220m

Feature Attributes	Description
Level1	Main level class
Level2	Level 2 class
Level3	Level 3 class
Level4	Level 4 class

Clc2012Taulu

Feature Attributes	Description
Level1	Main level class
Level1Suo	The name of the main level class in Finnish
Level1Eng	The name of the main level class in English
Level2	Level 2 class
Level2Suo	The name of the level 2 class in Finnish
Level2Eng	The name of the level 2 class in English
Level3	Level 3 class
Level3Suo	The name of the level 3 class in Finnish
Level3Eng	The name of the level 3 class in English

Cha0612_5ha

Feature Attributes	Description
KohdeTunnus	ID-code of the polygon
Luokka3_06	Level 3 class value in the CLC2006-dataset
Luokka3_12	Level 3 class value in the CLC2012-dataset

Muutos	Class change CLC2006 - CLC2012
MuutosTyyppi	R = Actual change
MuutosPvm	Date when data has been modified in SYKE

Cha0612_1ha

Feature Attributes	Description
Value	Unique value for each change type
CLC06	Level 4 class value in CLC2006 dataset
CLC12	Level 4 class value in the CLC2012 dataset

2. Classification

The CORINE 2012 classification is hierarchical including three classes in the generalized vector dataset and four classes in the raster dataset. Class names are listed in Finnish and in English in a separate form "clc_luokat.xls". All classes are not present in Finland and all level 3 classes are not present in level 4. The VALUE-field in the attribute table refers to the raster data. Detailed descriptions of classes, source layer information and source age are presented in chapter 3. Official CORINE class definition, see EEA website
http://sia.eionet.europa.eu/CLC2000/classes/index_html

** = Classes are not represented in Finland

Level 1	Level 2	Level 3	Level 4
1. Artificial surfaces	1.1 Urban fabric	1.1.1 Continuous urban fabric	1.1.1.1 Continuous urban fabric
		1.1.2 Discontinuous urban fabric	1.1.2.1 Discontinuous urban fabric
	1.2 Industrial, commercial and transport units	1.2.1 Industrial or commercial units	1.2.1.1 Commercial units
			1.2.1.2 Industrial units
		1.2.2 Road and rail networks and associated land	1.2.2.1 Road and rail networks and associated land
		1.2.3 Port areas	1.2.3.1 Port areas
		1.2.4 Airports	1.2.4.1 Airports
	1.3 Mine, dump and construction sites	1.3.1 Mineral extraction sites	1.3.1.1 Mineral extraction sites
			1.3.1.2 Open cast mines
		1.3.2 Dump sites	1.3.2.1 Dump sites
		1.3.3 Construction sites	1.3.3.1 Construction sites
	1.4 Artificial non-agricultural vegetated areas	1.4.1 Green urban areas	Only in 25 ha data
		1.4.2 Sport and leisure facilities	1.4.2.1 Summer cottages
			1.4.2.2 Sport and leisure areas
			1.4.2.3 Golf courses
			1.4.2.4 Trotting tracks
2. Agricultural areas	2.1 Arable land	2.1.1 Non-irrigated arable land	2.1.1.1 Non-irrigated arable land
		2.1.2 Permanently irrigated land **	
		2.1.3 Rice fields **	
	2.2 Permanent crops	*2.2.1 Vineyards* **	
		2.2.2 Fruit trees and berry plantations	2.2.2.1 Fruit trees and berry plantations
		2.2.3 Olive groves **	

	2.3 Pastures	2.3.1 Pastures	2.3.1.1 Pastures
			2.3.1.2 Natural pastures
	2.4 Heterogeneous agricultural areas	*2.4.1 Annual crops associated with permanent crops **	
		2.4.2 Complex cultivation	Only in 25 ha data
		2.4.3 Land principally occupied by agriculture, with significant areas of natural vegetation	2.4.3.1 Land principally occupied by agriculture, with significant areas of natural vegetation
		2.4.4 Agro-forestry areas	2.4.4.1 Agro-forestry areas
3. Forests and semi-natural areas	3.1 Forests	3.1.1 Broad-leaved forest	3.1.1.1 Broad-leaved forest on mineral soil
			3.1.1.2 Broad-leaved forest on peatland
		3.1.2 Coniferous forest	3.1.2.1 Coniferous forest on mineral soil
			3.1.2.2 Coniferous forest on peatland
			3.1.2.3 Coniferous forest on rocky soil
		3.1.3 Mixed forest	3.1.3.1 Mixed forest on mineral soil
			3.1.3.2 Mixed forest on peatland
			3.1.3.3 Mixed forest on rocky soil
	3.2 Shrub and/or herbaceous vegetation associations	3.2.1 Natural grassland	3.2.1.1 Natural grassland
		3.2.2 Moors and heathland	3.2.2.1 Moors and heathland
		*3.2.3 Sclerophyllous vegetation **	
		3.2.4 Transitional woodland/shrub	3.2.4.1 Transitional woodland/shrub, cc < 10%
			3.2.4.2 Transitional woodland/shrub, cc 10-30%, on mineral soil
			3.2.4.3 Transitional woodland/shrub, cc 10-30%, on peatland
			3.2.4.4 Transitional woodland/shrub, cc 10-30%, on rocky soil
			3.2.4.6 Transitional woodland/shrub, under power lines
	3.3 Open spaces with little or no vegetation	3.3.1 Beaches, dunes, and sand plains	3.3.1.1 Beaches, dunes, and sand plains
		3.3.2 Bare rock	3.3.2.1 Bare rock
		3.3.3 Sparsely vegetated areas	3.3.3.1 Sparsely vegetated areas

		3.3.4 Burnt areas **	
		3.3.5 Glaciers and prepetual snow **	
4. Wetlands	4.1 Inland wetlands	4.1.1 Inland marshes	4.1.1.1 Inland marshes, terrestrial
			4.1.1.2 Inland marshes, aquatic
		4.1.2 Peatbogs	4.1.2.1 Peatbogs
			4.1.2.2 Peat production sites
	4.2 Coastal wetlands	4.2.1 Salt marshes	4.2.1.1 Salt marshes, terrestrial
			4.2.1.2 Salt marshes, aquatic
		4.2.2 Salines **	
		4.2.3 Intertidal flats **	
5. Water bodies	5.1 Inland waters	5.1.1 Water courses	5.1.1.1 Water courses
		5.1.2 Water bodies	5.1.2.1 Water bodies
	5.2 Marine waters	5.2.1 Coastal lagoons **	
		5.2.2 Estuaries **	
		5.2.3 Sea and ocean	5.2.3.1 Sea and ocean

3. Additional information

Source layer

The Source layer is a raster of 20 m pixel size and the VALUE field in the attribute table of the Source layer stands for pixel source data for CLC2012 (20m) raster.

Value	Source dataset
10	Corine Land Cover 2000 (CLC2000)
16	Corine Land Cover 2006 (CLC2006)
20	Topographic database 2012 (MTK2012)
21	MTK2012 + CLC2006
30	Building and Dwelling register 2011
40	Digiroad 2011
50	Ranta10 (water dataset based on the Topographic database)
60	IMAGE2012 satellite image mosaic
61	IMAGE2012 + Soil extraction sites 2012, digitized by Centres for the Environment
62	IMAGE2012 + Dump sites 2012
63	IMAGE2012 + CLC2000 + CLC2006
64	IMAGE2012 + CLC2000 + CLC2006 + VMI2011
64	IMAGE2012 + MTK2012
70	Finnish Land Parcel Information System data from 2009, 2010 and 2011
71	Finnish Land Parcel Information System data from 2009, 2010 and 2011 + MTK2012 + VMI2011+ IMAGE2012
72	Finnish Land Parcel Information System data from 2009, 2010 and 2011 + VMI2011 + IMAGE2012
80	National Forest Inventory 2011 (VMI2011)
81	VMI2011 + MTK2012
82	VMI2011+ MTK2012 + CLC2000 + CLC2006
90	Estimation of land cover in northernmost Finland 2006
91	Estimation of land cover in northernmost Finland 2006 + MTK2012

Age element

The Age element of the CLC2012 (20m) dataset is produced from the Source layer of the CLC2012 (20m). Like the Source layer, Age element is also raster with 20m pixel size. All pixels have an age based on the age of the source data. For pixels refer to multiple sources, the age is taken from the most substantial source. The VALUE field in the attribute table of the Age layer stands for pixel age for CLC2012 (20m) raster.

Source	Year	Value
Corine Land Cover 2000	2000	0
Corine Land Cover 2006	2006	6
Topographic database 2012	Data extracted in 2012	12
Building and Dwelling register 2011	2011	11
Digiroad 2011	Data extracted in 2011	11
Ranta10	Data extracted in 2003	3
IMAGE2012 satellite image mosaic	2012	12

4. UML-Model