



**University of
Leicester**

Centre for Landscape and Climate Research

Department of Geography

Technical Report

No. 7

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Executive Summary

This report contains information about the metadata of the following datasets; (i) CLC2012_UK.mdb, (ii) CLC2012_UK_GG.mdb and (iii) CLC2012_UK_JE. The first dataset covers the UK including Northern Ireland and the Isle of Man. The second and third datasets cover the Channel Isles, Guernsey and Jersey, respectively. The attribute table of these datasets contain the CLC classification codes for level 3, area in hectare, length and area of the shapefile and a column for remarks and ID.

Dataset 1

Name :	<i>Corine land cover 2006 (revised), 2012 and changes (2006-2012) for the UK</i>
Filename:	CLC2012_UK.mdb
Description:	The final database for the UK, including Northern Ireland. Three layers: <ul style="list-style-type: none"> • CLC-Changes (2006-2012) • CLC2006revised • CLC2012
Projected Coordinate System:	British National Grid
Projection:	Transverse Mercator
Geographic Coordinate System:	GCS_OSGB_1936
Datum:	D_OSGB_1936

Dataset 2

Name :	<i>Corine land cover 2006 (revised), 2012 and changes (2006-2012) for Guernsey</i>
Filename:	CLC2012_UK.mdb
Description:	The final database for Guernsey includes three layers: <ul style="list-style-type: none"> • CLC-Changes (2006-2012) • CLC2006revised • CLC2012
Projected Coordinate System:	Guernsey Grid
Projection:	Transverse Mercator
Geographic Coordinate System:	GCS_WGS_1984
Datum:	D_WGS_1984

Dataset 3

Name :	<i>Corine land cover 2006 (revised), 2012 and changes (2006-2012) for Jersey</i>
Filename:	CLC2012_UK.mdb
Description:	The final database for Jersey includes three layers: <ul style="list-style-type: none"> • CLC-Changes (2006-2012) • CLC2006revised • CLC2012
Projected Coordinate System:	New JTM
Projection:	Transverse Mercator
Geographic Coordinate System:	GCS_ETRF_1989
Datum:	D_ETRF_1989

Copernicus land CORINE metadata 2012

Title	Copernicus Land - CORINE land cover UK
Date	2015-01-09
Date type	Creation
Abstract	<p>Corine Land Cover (CLC) 2012 and CLC change 2006-2012 are two of the datasets produced within the frame of the Initial Operations of the Copernicus programme (the European Earth monitoring programme previously known as GMES) on land monitoring. Corine Land Cover (CLC) provides consistent information on land cover and land cover changes across Europe. This inventory was initiated in 1985 (reference year 1990) and established a time series of land cover information with updates in 2000 and 2006 being the last one the 2012 reference year. CLC products are based on photointerpretation of satellite images by national teams of participating countries - the EEA member and cooperating countries – following a standard methodology and nomenclature with the following base parameters: 44 classes in the hierarchical three level Corine nomenclature; minimum mapping unit (MMU) for status layers is 25 hectares; minimum width of linear elements is 100 metres; minimum mapping unit (MMU) for Land Cover Changes (LCC) for the change layers is 5 hectares. The resulting national land cover inventories are further integrated into a seamless land cover map of Europe. Land cover and land use (LCLU) information is important not only for land change research, but also more broadly for the monitoring of environmental change, policy support, the creation of environmental indicators and reporting. CLC datasets provide important datasets supporting the implementation of key priority areas of the Environment Action Programmes of the European Union as protecting ecosystems, halting the loss of biological diversity, tracking the impacts of climate change, assessing developments in agriculture and implementing the EU Water Framework Directive, among others.</p> <p>More about the Corine Land Cover (CLC) and Copernicus land monitoring data in general</p>

	can be found at http://land.copernicus.eu/ .
Metadata language	eng
Hierarchy level	Dataset

1 Metadata compliant with the EEA Metadata Profile (INSPIRE compliant metadata with some extended elements) available at http://forum.eionet.europa.eu/nrc_land_covers/library/gio-land/corine-land-cover-clc/technical-guidelines/metadata/country-level-metadata

Online resource

Linkage	http://cdr.eionet.europa.eu/gb/eea/clc/envvlpnwa/
Protocol	WWW:LINK-1.0-http--link

Point of contact

Organisation name	The University of Leicester
Role	Originator
Organisation name	Defra
Role	Custodian
Organisation name	European Environment Agency
Role	Point of contact
Organisation name	European Commission - Directorate-General Enterprise and Industry (DG-ENTR)
Role	Owner
Topic category	Environment
Topic category	Imagery base maps earth cover

Keyword

Keyword	Land cover
Keyword	Land use
Keyword	UK
Type	Place

Extent: Geographic bounding box

West bound	-8.62
East bound	1.76
South bound	49.88
North bound	60.84

Spatial resolution

Denominator	100000
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Lineage

Statement	The Corine Land Cover database for the UK has been updated for the reference year 2012. Main objective of the project was the detection, identification and mapping of all land cover changes above 5 ha. Satellite images from 2011 to 2013 served as the basis for image interpretation. Aerial Imagery from Google Earth was used to support the interpretation process. Contrary to previous versions of the UK CLC, this time no up-to-date national land cover map was available. The last update of the National Land Cover Map stems from 2007 (LCM2007) and is closer to the CLC2006 status database than the new update reference. The EEA technical guidelines were followed for production using the InterChange support package for mapping CLC changes, and revising the 2006 map.
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Resource constraints

Use limitation	<p>Access to data is governed by Commission delegated regulation (EU) No 1159/13 of 12.7.2013 supplementing Regulation (EU) No 911/2010 of the European Parliament and of the Council on the European Earth monitoring programme (GMES) by establishing registration and licensing conditions for GMES users and defining criteria for restricting access to GMES dedicated data and GMES service information. [http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32013R1159] Although Regulation (EU) No 911/2010 was repealed by Regulation (EU) No 377/2014 of the European Parliament and of the Council of 3 April 2014 establishing the Copernicus Programme, any measure adopted on the basis of Regulation (EU) No 911/2010 shall remain valid under Article 33 (2) of Regulation (EU) No 377/2014 [http://eur-lex.europa.eu/legalcontent/EN/TXT/?uri=uri serv:OJ.L_.2014.122.01.0044.01.ENG].</p> <p>Without prejudice to the provisions contained in the Commission delegated regulation (EU) No 1159/13 (in particular under Chapters 2 and 3), free, full and open access to this data set is made on the conditions that:</p> <ol style="list-style-type: none"> 1. When distributing or communicating Copernicus dedicated data and Copernicus service information to the public, users shall inform the public of the source of that data and information. 2. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the Union. 3. Where that data or information has been adapted or modified, the user shall clearly state this. <p>In addition, articles I.10.2 (ownership/use of results) and I.10.4 (visibility) of grant agreement for an action established between EEA and the "participating country" for implementing the pan-European continental component of the Copernicus Land Monitoring service also apply, implying that any information and data produced in the framework of the action shall be the sole property of the European Union and that any communication and publication by the beneficiary shall acknowledge that the action was carried out "with funding by the European Union".</p>
File identifier	CLC_metadata_UK
Metadata language	eng
Character set	UTF-8

Metadata author

Organisation name	University of Leicester
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TECHNICAL REPORT

Role	Originator
Date stamp	2015-01-09

Acknowledgment

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