

Urban Morphological Zones Changes 1990-2000 (vector) - version 16, Jun. 2013

Changes between UMZs in 1990 and UMZs in 2000 using CLC version 16.

Most changes are Positive changes, understood as areas of urban sprawl (i.e. new UMZ areas between 1990 and 2000), while negative changes describe the reduction of a certain UMZ between 1990 and 2000 (warning: some negative changes might be due to different interpretations between 1990-2000).

Simple

Date (Creation)	2013-06-28				
Edition	16.00				
Citation identifier	eea_v_3035_100_k_umz-changes-1990-2000_p_2013_v16_r00				
Citation identifier	DAT-63-en				
Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency		sdi@eea.europa.eu		Custodian
	European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Point of contact
Maintenance and update frequency	As needed				
Place	- Albania - Austria - Belgium - Bosnia and Herzegovina - Bulgaria - Croatia - Cyprus - Czechia - Denmark - Estonia - Finland - France - Germany - Hungary - Iceland - Ireland - Italy - Latvia - Liechtenstein - Lithuania				

	• Luxembourg • North Macedonia • Malta • Montenegro • Netherlands • Norway • Poland • Portugal • Romania • Serbia • Slovakia • Slovenia • Spain • Sweden • Switzerland • Türkiye • Greece
Keywords	
Keywords	
GEMET - INSPIRE themes, version 1.0	• Land cover
GEMET	• urban environment, urban stress • social aspects, population • economy • environmental report • household
EEA Management Plan	• 2014 1.8.3
EEA topics	• Buildings and construction • Land use • Environmental health impacts • Water • Urban sustainability
Use limitation	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright).
Access constraints	Other restrictions
Other constraints	no limitations to public access
Spatial representation type	Vector
Denominator	100000
Language of dataset	English

Character set	UTF8
Topic category	• Planning cadastre • Society
Begin date	1990-01-01
End date	2000-12-31

	N		S		E		W
--	---	--	---	--	---	--	---



Coordinate reference system identifier	EPSG:3035		
Distribution format	- SHP () - SQLite ()		
Transfer size	129		
OnLine resource	Protocol EEA:FILEPATH WWW:URL	Linkage https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_umz-changes-1990-2000_p_2013_v16_r00/ https://sdi.eea.europa.eu/data/9a353441-c28f-4733-acd0-16dde88f04ae	Name Direct download
Hierarchy level	Dataset		

Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

Statement	UMZ Changes have been calculated as well, by unioning both UMZ90 and UMZ00 and looking for those polygons existing only in one year (i.e. 1990 or 2000). Most changes are Positive changes, understood as areas of urban sprawl (i.e. new UMZ areas between 1990 and 2000), while negative changes describe the reduction of a certain UMZ between 1990 and 2000 (warning: some negative changes might be due to different interpretations between 1990-2000). Only countries with CLC in both years have changes in UMZ Steps to follow: 1. Create a file geodatabase to keep the geometries 2. Union UMZ 1990 – 2000. Output:UMZ90_00_Full 3. Select ("FID_UMZ1990" = -1 OR "FID_UMZ2000" = -1) 4. Export the selection. Output:UMZ90_00_FULL_select.shp 5. Selection of the real changes. Erasing a. Select the countries with NO CLC in both years (90-00 and 00-06) from a NUTS0 Layer (as accurate as possible) selected_countries.shp b. Clip UMZ90_00_FULL_select.shp + selected_countries.shp Output: Changes_90_00.shp c. Manually work to remove the changes belonging to the selected countries. Small feature classes are left in these countries due to not perfect overlay among layers (NUTS0 and CLC) mainly in the coastal areas 6. Add and Calculate the Field "Area_ha"
-----------	--

	7. Add a new field name "Change" type = Text with length = 1 to Change_90_00.shp 8. Delete unnecessary fields 9. Select "UMZ90_ID" = 0 and Calculate Value for "Change" = + . This means Urban Sprawl 10. Select "UMZ00_ID" = - 1 and Calculate Value for "Change" = - . This means Reduction of Urban Areas 11. Select "UMZ00_ID" <> - 1 and "UMZ90_ID" <> 0 and Calculate Value for "Change" = 0. This means no changes of Urban Areas The complete methodology is described in the document RpD_UMZ_Methodology_f3.0.pdf which is stored in the same folder as the dataset.
Source	- Urban Morphological Zones 1990 (vector) - version 16_Jun_2013 - Urban Morphological Zones 2000 (vector) - version 16_Jun_2013

Metadata

File identifier	9a353441-c28f-4733-acd0-16dde88f04ae XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-06-13T12:34:07.451Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name Individual name European Environment Agency	Electronic mail address sdi@eea.europa.eu	Website Role Point of contact

Overviews



