

Urban Morphological Zones Changes 2000-2006 (vector) - version 16, Jun. 2013

Changes between UMZs in 2000 and UMZs in 2006 using CLC version 16.

Most changes are Positive changes, understood as areas of urban sprawl (i.e. new UMZ areas between 2000 and 2006), while negative changes describe the reduction of a certain UMZ between 2000 and 2006 (warning: some negative changes might be due to different interpretations between 2000-2006).

Simple

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	European Environment Agency		info@eea.eur info@eea.europa.eu Custodian
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Maintenance and update frequency	As needed		
Place	<ul style="list-style-type: none"> • Albania • Austria • Belgium • Bosnia and Herzegovina • Bulgaria • Croatia • Cyprus • Czechia • Denmark • Estonia • Finland • France • Germany • Hungary • Iceland 		

	<ul style="list-style-type: none"> • Ireland • Italy • Latvia • Liechtenstein • Lithuania • Luxembourg • North Macedonia • Malta • Montenegro • Netherlands • Norway • Poland • Portugal • Romania • Serbia • Slovakia • Slovenia • Spain • Sweden • Switzerland • Türkiye • United Kingdom
Keywords	
Keywords	
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> • Land cover
GEMET	<ul style="list-style-type: none"> • urban environment, urban stress • social aspects, population • economy • household • environmental report
EEA Management Plan	<ul style="list-style-type: none"> • 2010 2.6.1
EEA topics	<ul style="list-style-type: none"> • Environmental health impacts • Urban sustainability • Water • Land use • Buildings and construction
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	<ul style="list-style-type: none">• Planning cadastre• Society
Begin date	2000-01-01
End date	2006-12-31

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CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • SHP () • SQLite ()
Transfer size	129

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

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

Statement	<p>The methodology described below for changes between 1990 and 2000 applies by analogy to changes between 2000 and 2006.</p> <p>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</p> <p>Steps to follow:</p> <ol style="list-style-type: none"> 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 <ol style="list-style-type: none"> 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
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- 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.

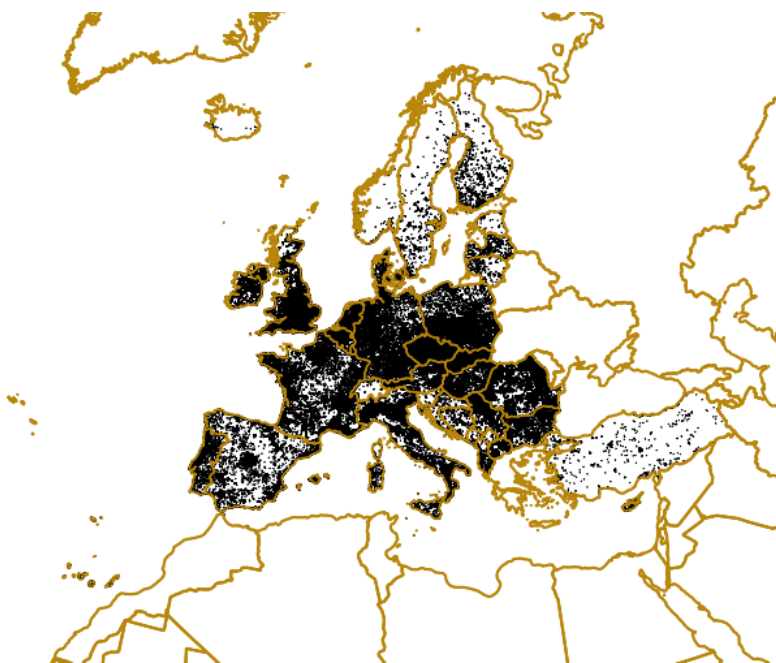
Source

- [Urban Morphological Zones 2000 \(vector\) - version 16. Jun. 2013](#)
- [Urban Morphological Zones 2006 \(vector\) - version 16. Jun. 2013](#)

Metadata

File identifier	13780f38-1177-4e68-b900-1baef89272a0 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-06-13T12:40:26.073Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		sdi@eea. Point eur of sdi@eea. contact europa.eu

Overviews



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