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

An urban morphological zone (UMZ) is defined as a "set of urban areas laying less than 200 m apart". This layer contains UMZ delineations for Europe, based on Corine Land Cover database. During 2012, the UMZ methodology was updated in order to correct errors derived for the water course as join elements between urban areas. Previous version applied over CLC v15 (and previous version) joined many small urban areas due to the water presence. This fact was erroneous from the landscape and urban perspective as most of those areas remain as urban-rural typologies. Moreover, water courses cannot be considered as roads from the urban morphological view (either from the commuting point of understanding). This new version, known as v16, corrected this effect in the majority of cases.

Simple

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Point of contact

Organisation name	Individual name	Electronic mail address	Website	Role
European Environment Agency		info@eea.europa.eu		Custodian
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- Latvia
- Liechtenstein
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- Portugal
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- San Marino
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Türkiye
- United Kingdom

Keywords	
Keywords	
GEMET - INSPIRE themes, version 1.0	• Land cover
GEMET	• urban environment, urban stress • social aspects, population • economy • household • accounting • environmental report
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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	2006-01-01
End date	2006-12-31

Coordinate reference system identifier	EPSG:3035
Distribution format	• SHP () • SQLite ( )
Transfer size	134

OnLine resource	Protocol	Linkage	Name
	EEA:FILEPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_v_3035_100_k_umz-2006_p_2013_v16_r00/	
	WWW:URL	https://sdi.eea.europa.eu/data/8ab00854-d08f-43b1-b78f-447ce13857d1	Direct download

Hierarchy level	Dataset

Conformance result

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

Statement	An Urban Morphological Zone can be defined as "A set of urban areas laying less than 200m apart". Those urban areas are defined from land cover classes contributing to the urban tissue and function. The Corine Land Cover classes (Figure 1) used to build the Urban Morphological Zone dataset are the following ones: • Core Classes o 111 – Continuous urban fabric o 112 – Discontinuous urban fabric o 121 – Industrial or commercial units o 141 – Green urban areas • Enlarged core classes, CLC Classes 123 (Port areas), 124 (Airports) and 142 (Sport and leisure facilities), are also considered if they are neighbours to the core classes or to one of them touching the core classes. • Road and rail networks, CLC class 122 when neighbours to the enlarged core classes, roads and rails will be included (cut by 300m buffer) as part of the UMZ due to their artificial nature and connectivity properties. • Water courses, CLC class 511, when neighbours to the enlarged core classes and acting as a link between them, they are selected by this fact. • Forests & scrub, CLC classes 311,312,313,322,323,324, when they are completely within the core classes.

The complete methodology is described in the document RpD_UMZ_Methodology_f3.0.pdf which is stored in the same folder as the dataset.
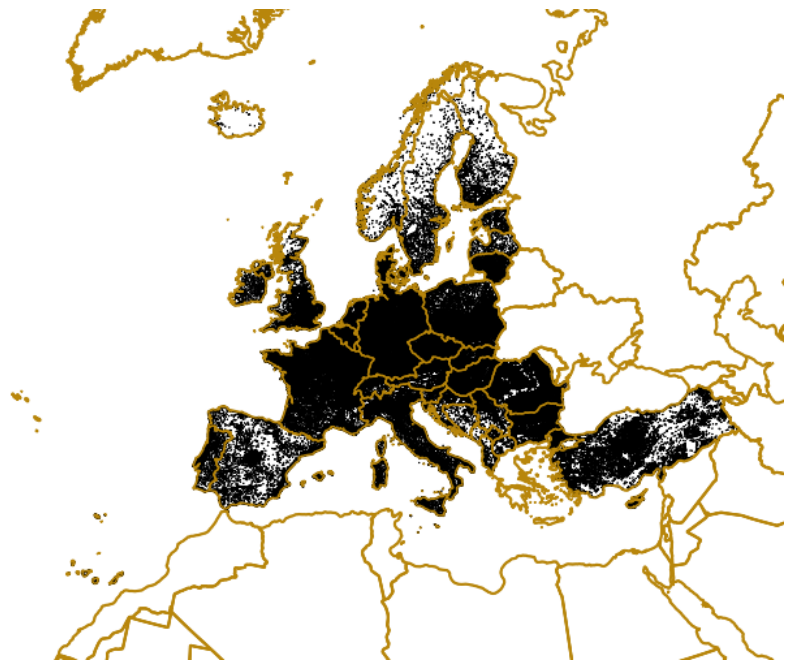
Source	• Corine Land Cover 2006 (raster 100m) - version 16, Apr. 2012

Metadata

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Metadata author	Organisation name	Individual name	Electronic mail address	Website	Role
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Overviews

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