

Urban Atlas - Building Height 2012, version 2 (raster), Mar. 2020

The Copernicus Urban Atlas - Building Height 2012 product is a 10m high resolution raster layer containing height information generated for core urban areas of selected cities (capitals) in EEA38 (with the exception of Vaduz, Liechtenstein) and the United Kingdom as part of the Urban Atlas, with reference year 2012.

The height information is based on IRS-P5 stereo images and derived datasets like the digital surface model, the digital terrain model and the normalized DSM.

This metadata refers an update of this product, which includes the extension of previously published cities Amsterdam, Athens, Berlin, Copenhagen, London and Madrid (version 2.0) and capitals from countries not included in the previous version (Türkiye and EEA cooperating countries). The other core cities in the dataset remain unaltered (version 1.0), but may be updated in the near future.

There is one zip archive per area, which includes: (1) the actual raster data in GeoTIFF format (ETRS89-LAEA); (2) an XML-file with metadata and (3) document with results of quality checks.

Simple

Date (Creation)	2018-04-19
Date (Publication)	2018-04-19
Date (Revision)	2020-03-19
Edition	02.00
Citation identifier	copernicus_r_3035_10_m_ua-bh-2012_p_2011-2014_v02_r00
Citation identifier	DAT-190-en
Status	Superseded

Point of contact

No information provided.

Maintenance and update frequency	Continual
GEMET - INSPIRE themes, version 1.0	Land use Elevation
Keywords	
Continents, countries, sea regions of the world.	United Kingdom Iceland
	Türkiye
	Serbia
	Bosnia and Herzegovina
	Kosovo (UNSCR 1244/99)
	North Macedonia
	Albania
	Norway
	Switzerland
	Montenegro
	• EU27 (from 2020)

Keywords			
GEMET	land cover building		
	landscape alteration		
	• urban area		
	• model		
	land use		
Spatial scope	European		
EEA topics	Land use		
EEA Management Plan	• 2018 3.6.2		
Access constraints	Other restrictions		
	no limitations to public access		
Other constraints	Other restrictions		
Use constraints			
Other constraints	The Copernicus component is governed by Regulation (EU) No 2021/696 of the European Parliament and of the Council of 28 April 2021 establishing the Union Space Programme and the European Union Agency for the Space Programme and repealing Regulations (EU) No 912/2010, (EU) No 1285/2013 and (EU) No 377/2014 and Decision No 541/2014/EU. Within the Copernicus component, a portfolio of land monitoring activities has been delegated by the European Union to the European Environment Agency (EEA) and the DG Joint Research Centre of the European Commission.		
	The Copernicus land monitoring products and services are made available on a principle of full, open and free access, as established by the Commission Delegated Regulation (EU) No 1159/2013 of 12 July 2013.		
	Free, full and open access to the products and services of the Copernicus Land Monitoring Service is made on the conditions that:		
	When distributing or communicating Copernicus Land Monitoring Service products and services (data, software scripts, web services, user and methodological documentation and similar) to the public, users shall inform the public of the source of these products and services.		
	Where the Copernicus Land Monitoring Service products and services have been adapted or modified by the user, the user shall clearly state this.		
	3. Users shall make sure not to convey the impression to the public that the user's activities are officially endorsed by the European Union.		
Aggregate Datasetindentifier	14c85db6-ac28-4a91-ad9c-e4356733976d		
Association Type	revision of		
Spatial representation type	Grid		
Distance	10 m		
Language of dataset	English		
Character set	UTF8		
Topic category	Environment Imagery base maps earth cover Elevation		
Begin date	2011-01-01		
End date	2014-12-31		





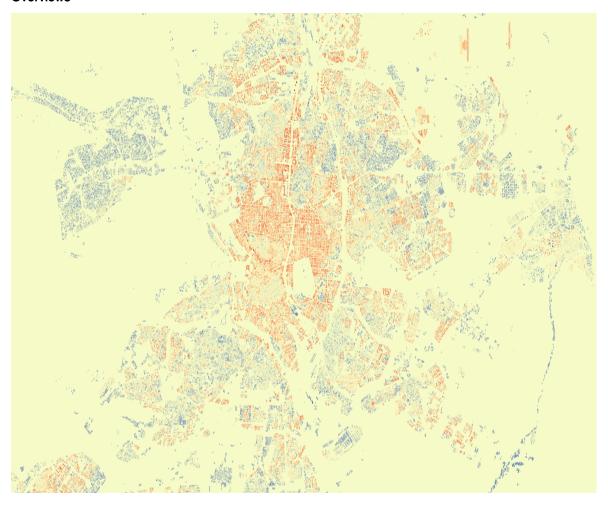
Additional Information	Spatial Resolution information: The Minim	um Mapping Width is 10 m			
Coordinate reference system identifier	EPSG:3035	EPSG:3035			
Distribution format	GeoTIFF (1.1)				
OnLine resource	Protocol	Linkage	Name		
	OGC:WMS	https://copernicus.discomap.eea.europa.eu/arcgis/services //UrbanAtlas/UA_BuildingHeights_2012_10m/ImageServer //WMSServer?request=GetCapabilities&service=WMS			
	ESRI:REST	https://copernicus.discomap.eea.europa.eu/arcgis/rest /services/UrbanAtlas/UA_BuildingHeights_2012_10m //mageServer			
	WWW:LINK-1.0-httplink	https://land.copernicus.eu/en/products/urban-atlas/building-height-2012#Download	Download (requires authentication		
Hierarchy level	Dataset				
Conformance result	1				
Title	Commission Regulation (EU) No 1089/20 of the Council as regards interoperability	10 of 23 November 2010 implementing Directive 2007/2/EC of the European of spatial data sets and services	Parliament and		
Date (Publication)	2010-12-08	2010-12-08			
Explanation	See the referenced specification	See the referenced specification			
Statement	stereo images a digital surface model is g algorithms and the assistance of Urban A the DTM from the DSM. The final product This update marks the extension of previo	25 stereo images acquired as close as possible to the defined reference year. enerated. Afterwards a digital terrain model is derived from the DSM with diffet that 2012 datasets. The calculation of the normalized DSM is done by a simple is then clipped based on UA 2012 building blocks and fully quality controlled. busly published cities Amsterdam, Athens, Berlin, Copenhagen, London and Main the previous version (Türkiye and EEA cooperating countries) have also be sered (version 1.0).	erent filter e subtraction of Madrid (version		
	Information about the validation of this proheights-2012-validation-report	oduct is available here: https://land.copernicus.eu/user-corner/technical-library	//building-		

Metadata

File identifier	55854f4a-19b7-49f3-abd3-4f974a683d6f XML		
Metadata language	English		
Character set	UTF8		

Hierarchy level	Dataset				
Date stamp	2024-02-06T10:00:19.293Z				
Metadata standard name	ISO 19115/19139				
Metadata standard version	1.0				
Metadata author	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency		sdi@eea. europa.eu		Point of contact

Overviews



Provided by

