EEA geospatial data catalogue

Total annual use of water (m3 per capita) with reference years between 2004 and 2012, Jan. 2019

This metadata refers to a dataset with the annual use of water measured in m3 per capita with data from 335 European cities. The measured values referring to years between 2004 and 2012. The data on the water consumption was obtained from Eurostat with city controids from Urban Audit 2011-2014.

Many locations in Europe are already affected by droughts and water scarcity; for many of those, and other places, these phenomena will intensify and become more problematic in the future. Understanding the water demand in the city is important to comprehend the presence and scale of the water availability problem and adapt to it in the future (Tapai et al (2017), DOI: 10.1016/j.ecolind.2017.02.040)

Simple

Identification info

Date (Creation)	2018-12-19T00:00:00
Date (Publication)	2019-01-28T00:00:00
Edition	01.00
Citation identifier	eurostat_v_4258_100_k_water-use_p_2004-2012_v01_r00
Spatial representation type	Vector

Spatial resolution

Equivalent scale

Denominator	100000

Topic category	• Environment • Climatology, meteorology, atmosphere

Extent

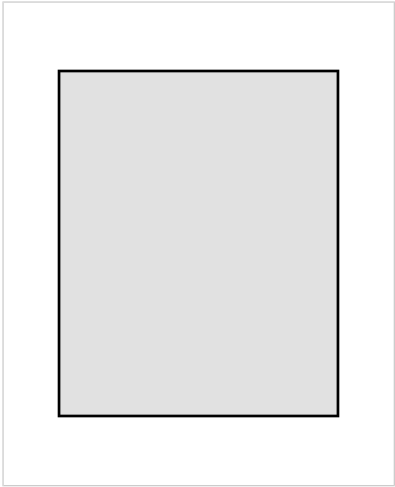
Temporal extent

Time period	2004-01-01 2012-12-31

Extent

Extent

69.64	N	28.97	S	33.38	E	-21.68	W



Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	• Population distribution — demography • Statistical units
GEMET	• climate • water demand • water use • climate change adaptation • water scarcity • climate change impact • water consumption
Continents, countries, sea regions of the world.	• United Kingdom • EU27 (from 2020) • Norway • Switzerland • Iceland
Spatial scope	• European
EEA topics	• Environmental health impacts • Water

Resource constraints

Access constraints	Other restrictions
Other constraints	no limitations to public access

Resource constraints

Use constraints	Other restrictions
Other constraints	The geometry of the dataset is derived from the Urban Audit Cities 2011-2014 dataset is publicly available and can be used for non commercial purposes. The source and intellectual property have always to be acknowledged for the original data and for derived data. Copyright holder: © EuroGeographics © FAO (UN) © TurkStat. License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Environment Agency (EEA).

Language	English

Distribution Information

Distribution format	• SHP
OnLine resource	Direct download
OnLine resource	https://climate-adapt.eea.europa.eu/en/knowledge/tools/urban-adaptation
OnLine resource	https://climate.discomap.eea.europa.eu/arcgis/services/UAMV/Water_Consumption_Per_Capita/MapServer/WMSServer?request=GetCapabilities&service=WMS
OnLine resource	https://climate.discomap.eea.europa.eu/arcgis/rest/services/UAMV/Water_Consumption_Per_Capita/MapServer
OnLine resource	Direct download

Data quality info

Hierarchy level	Dataset

Report

Result

Title	Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services
Date (Publication)	2010-12-08
Explanation	See the referenced specification

Resource lineage

Statement	Data on total use of water was obtained from Eurostat: 'Environment - cities and greater cities [urb_cenv]' (https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=urb_cenv&lang=en)(EN3003V) was divided by the city's total population number, also from Eurostat 'Population on 1 January by age groups and sex - cities and greater cities [urb_cpop1]' (http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=urb_cpop1&lang=en) in order to calculate the water consumption per capita and joined to the Urban Audit 2011-2014 cities' centroids (https://ec.europa.eu/eurostat/web/gisco/geodata/statistical-units/urban-audit#ua11-14). Various years were used in order to ensure the best spatial coverage.
Hierarchy level	Dataset

Reference System Information

Reference System Information

Code	EPSG:4258

Metadata

Metadata identifier	cb666a26-2f3a-4a13-a3aa-42a703973d90
Language	English
Character encoding	UTF8
Contact	**Organisation** **Individual** **Electronic mail** **Website Role**

	European Environment Agency	**address** sdi@eea.europa.eu	Point of contact

Type of resource

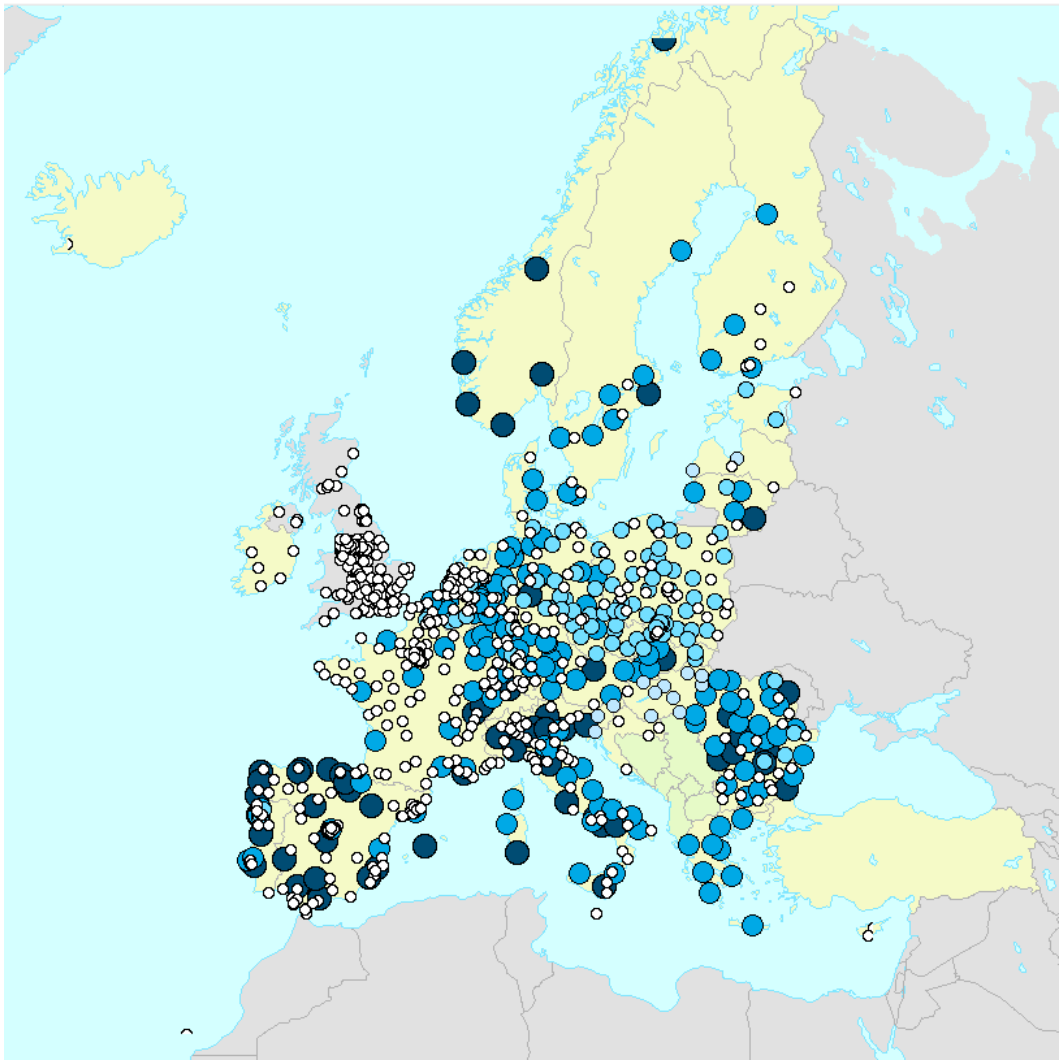
Resource type	Dataset

Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/cb666a26-2f3a-4a13-a3aa-42a703973d90?language=all
Date info (Creation)	2021-07-19T14:22:50.542Z
Date info (Revision)	2025-10-09T11:15:01.176436Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews



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