



Area inundated with 2m sea level rise, Jan. 2020

This metadata refers to a dataset that shows the percentage of cities' administrative area (core city based on the Urban Morphological Zones dataset) inundated by the sea level rise of 2 metres, without any coastal flooding defences present for a series of individual coastal European cities (included in Urban Audit).

The dataset has been computed using the CReSIS (Centre for Remote Sensing of Ice Sheets) dataset for 2018.

Simple

Date (Creation)	2020-01-15T00:00:00
Date (Publication)	2020-01-21T00:00:00
Edition	01.00
Citation identifier	eea_v_4258_100_k_inundated-area-2m_p_2018_v01_r00

Point of contact

No information provided.

Maintenance and update frequency	Not planned
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none">• Natural risk zones
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none">• climate• climate change impact• sea level rise• climate change adaptation• coastal flooding• flooding• city
Continents, countries, sea regions of the world.	<ul style="list-style-type: none">• Croatia• Denmark• Romania• Greece• Netherlands• Italy• United Kingdom• Slovenia• Ireland• Germany• Malta

	<ul style="list-style-type: none"> • Finland • France • Estonia • Iceland • Sweden • Spain • Belgium • Bulgaria • Lithuania • Latvia • Poland • Cyprus • Portugal
Spatial scope	<ul style="list-style-type: none"> • European
EEA topics	<ul style="list-style-type: none"> • Climate adaptation • Water

Resource constraints

No information provided.

Access constraints	Other restrictions
Other constraints	No limitations to public access. Re-use of content for commercial or non-commercial purposes is permitted free of charge, provided that the CReSIS is acknowledged.
Use constraints	Other restrictions
Other constraints	CReSIS (Centre for Remote Sensing of Ice Sheets) 2018, Lawrence, Kansas, USA. Digital Media. http://data.cresis.ku.edu/data . Eurostat Urban Audit 2018 spatial units: https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units
Spatial representation type	Vector
Denominator	100000
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment • Climatology, meteorology, atmosphere
Begin date	2018-01-01
End date	2018-12-31

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Coordinate reference system identifier	EPSG:4258		
Distribution format	<ul style="list-style-type: none"> • SHP () 		
OnLine resource	Protocol EEA: FOLDERPATH WWW:LINK-1.0-http--link OGC:WMS ESRI:REST WWW:URL	Linkage https://sd.eea.europa.eu/webdav/datastore/public/eea_v_4258_100_k_inundated-area-2m_p_2018_v01_r00/ https://climate-adapt.eea.europa.eu/knowledge/tools/urban-adaptation https://climate.discomap.eea.europa.eu/arcgis/services/UAMV/coastal_inundation_city_area_2m/MapServer/WMS?request=GetCapabilities&service=WMS https://climate.discomap.eea.europa.eu/arcgis/rest/services/UAMV/coastal_inundation_city_area_2m/MapServer https://sd.eea.europa.eu/data/d96b007a-4e26-4dbd-8dd5-24dbe5c9b31f	Name Direct download
Hierarchy level	Dataset		

Conformance result

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

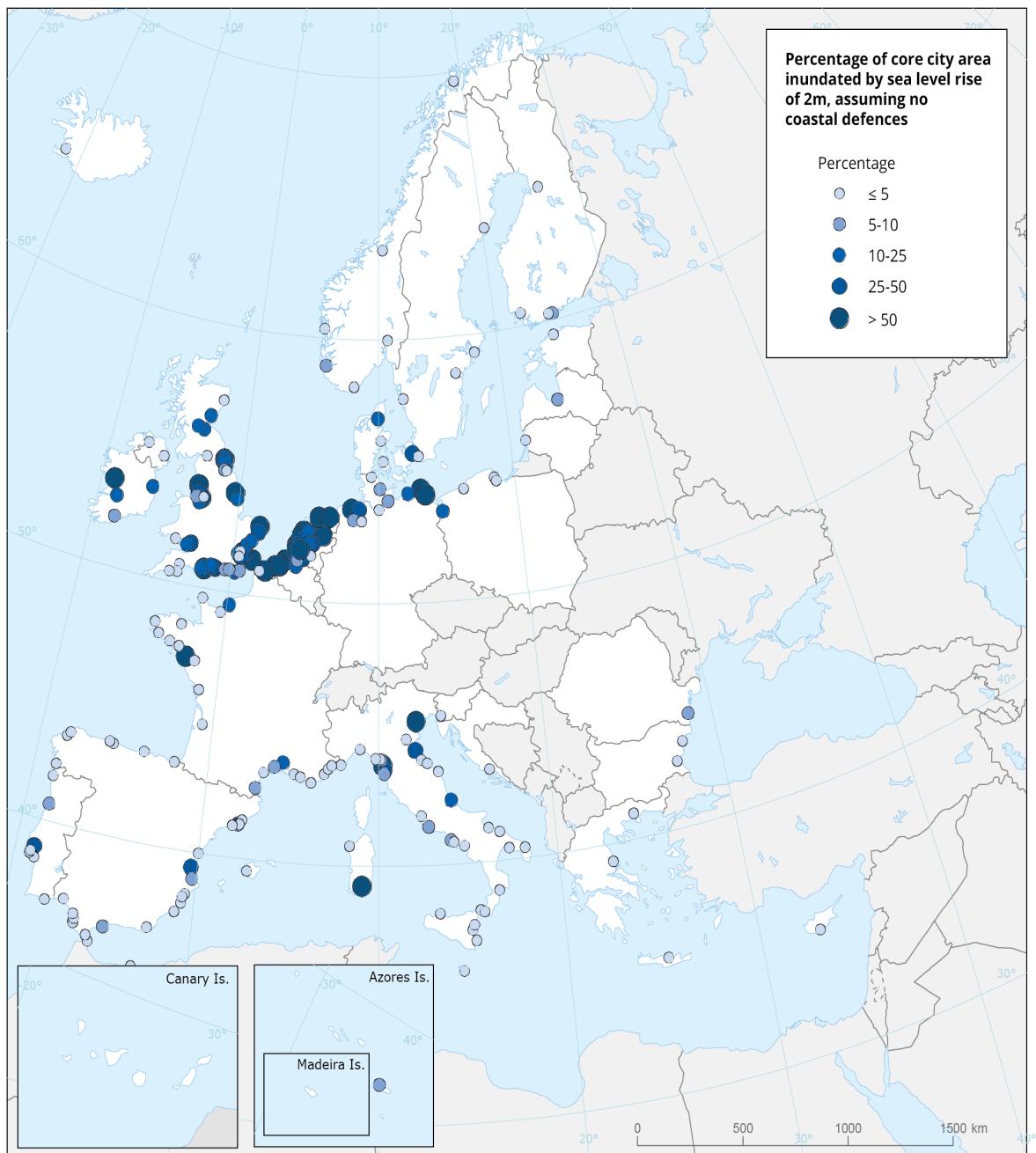
Statement	Data on sea level rise was obtained from CReSIS (Centre for Remote Sensing of Ice Sheets) 2018, Lawrence, Kansas, USA. Digital Media. http://data.cresis.ku.edu/ . Coastal city centroids was obtained from Eurostat Urban Audit 2018 spatial units: https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units Urban Morphological Zone (UMZ) from Urban Atlas 2012. UMZ is the reference unit for the city morphology. They are regarded as the best approximation of the "real" city form and defined as a set of urban areas laying less than 200 m apart, within the core city administrative boundaries.
Source	<ul style="list-style-type: none"> • Urban Morphological Zone (2012) within cities included in Urban Audit 2011-2014, Jan. 2019 •

Metadata

File identifier	d96b007a-4e26-4dbd-8dd5-24dbe5c9b31f XML

Metadata language	English		
Character set	UTF8		
Hierarchy level	Dataset		
Date stamp	2023-11-17T07:19:17.178Z		
Metadata standard name	ISO 19115/19139		
Metadata standard version	1.0		
Metadata author	Organisation name European Environment Agency	Individual name	Electronic mail address sdi@eea.europa.eu Website Role Point of contact

Overviews



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