EEA geospatial data catalogue

High Resolution Layer: Imperviousness Density Accounting Layer

The imperviousness layers constitutes the main status layers. They are per-pixel estimates of impermeable cover of soil (soil sealing) and are mapped as the degree of imperviousness (0-100%). Imperviousness change layers were produced as a difference between the reference years and are presented 1) as degree of imperviousness change (100% - +100%), in 20m and 100m pixel size, and 2) a classified (categorical) 20m change product.

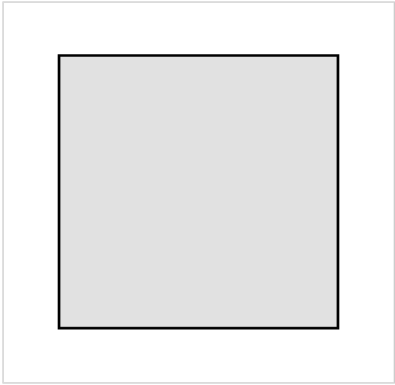
Simple

Identification info

Date (Publication)	2019-01-28
Citation identifier	eea_hrl-imperviousness-density-accounting_s
Spatial representation type	Grid
Topic category	• Environment • Imagery base maps earth cover

Extent

71.16	N	27.64	S	44.81	E	-31.28	W



Temporal extent

Time period	2005-01-01 2007-12-31

Temporal extent

Time period	2008-01-01 2010-12-31

Temporal extent

Time period	2011-01-01 2012-12-31

Temporal extent

Time period	2014-03-01 2016-12-01
Continents, countries, sea regions of the world.	• EEA39
EEA topics	• Land use • Soil
GEMET	• urban sprawl • land use • environmental accounting • built-up area • soil surface sealing • soil degradation • sealing
GEMET - INSPIRE themes, version 1.0	• Land cover
Spatial scope	• European

Associated resource

Association Type	Is composed of
Metadata Reference	• High Resolution Layer: Imperviousness Density 2015 (raster 100m) accounting layer, Jan. 2019

Associated resource

Association Type	Is composed of

Metadata Reference	• High Resolution Layer: Imperviousness Density 2012 (raster 100m) accounting layer, Jan. 2019

Associated resource

Association Type	Is composed of
Metadata Reference	• High Resolution Layer: Imperviousness Density 2009 (raster 100m) accounting layer, Jan. 2019

Associated resource

Association Type	Is composed of
Metadata Reference	• High Resolution Layer: Imperviousness Density 2006 (raster 100m) accounting layer, Jan. 2019

Associated resource

Association Type	Is composed of
Metadata Reference	•

Language	English
Character encoding	UTF8

Metadata

Metadata identifier	423502a1-8839-4768-bf86-c89658e2226a
Language	English
Character encoding	UTF8

Contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu		Point of contact

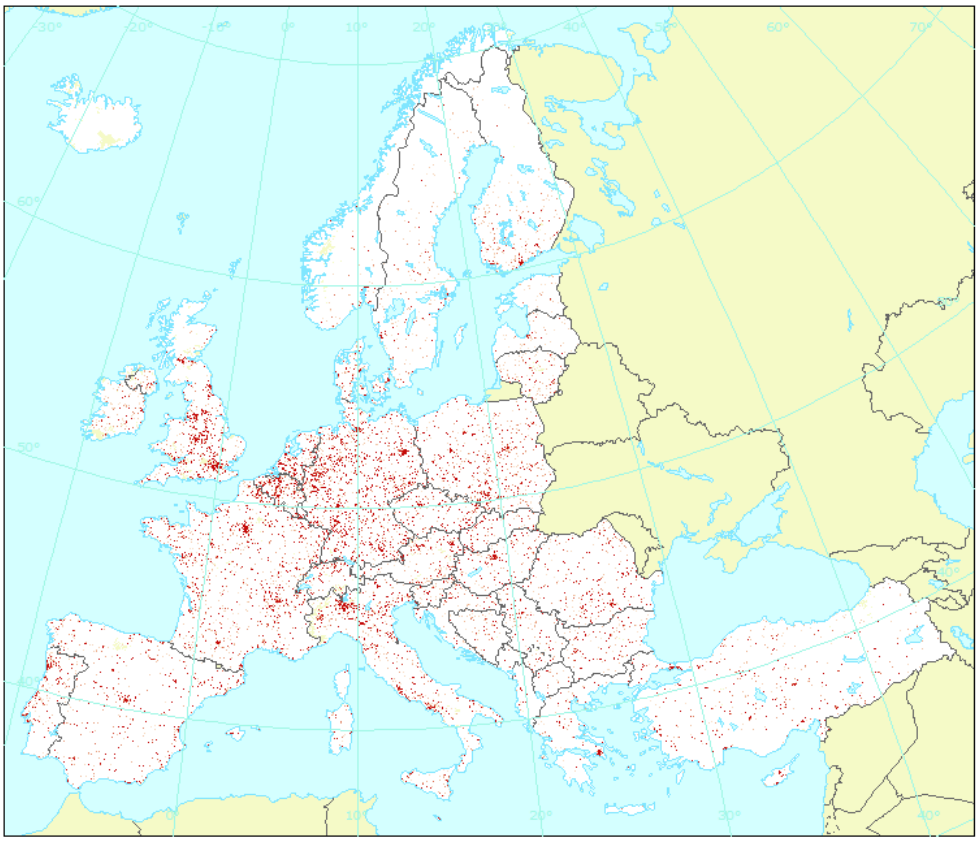
Type of resource

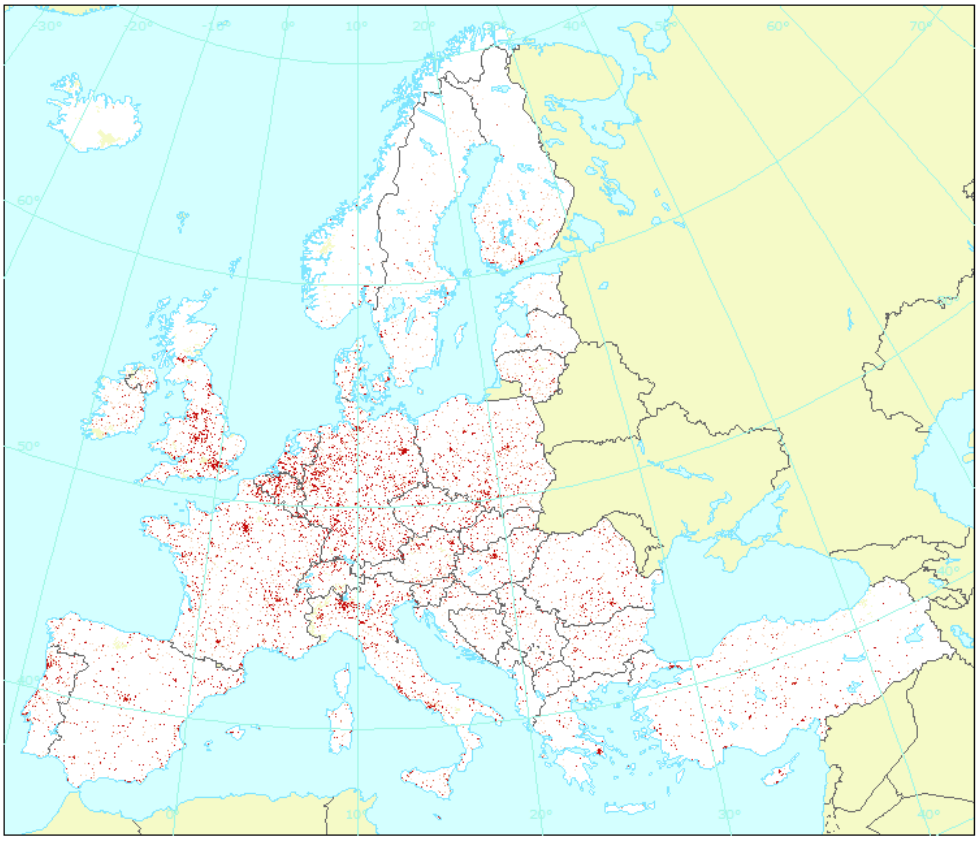
Resource type	Series
Metadata linkage	https://sdi.eea.europa.eu/catalogue/srv/api/records/423502a1-8839-4768-bf86-c89658e2226a?language=all
Date info (Creation)	2022-09-29T14:31:57.534Z
Date info (Revision)	2025-10-09T10:47:13.053676Z

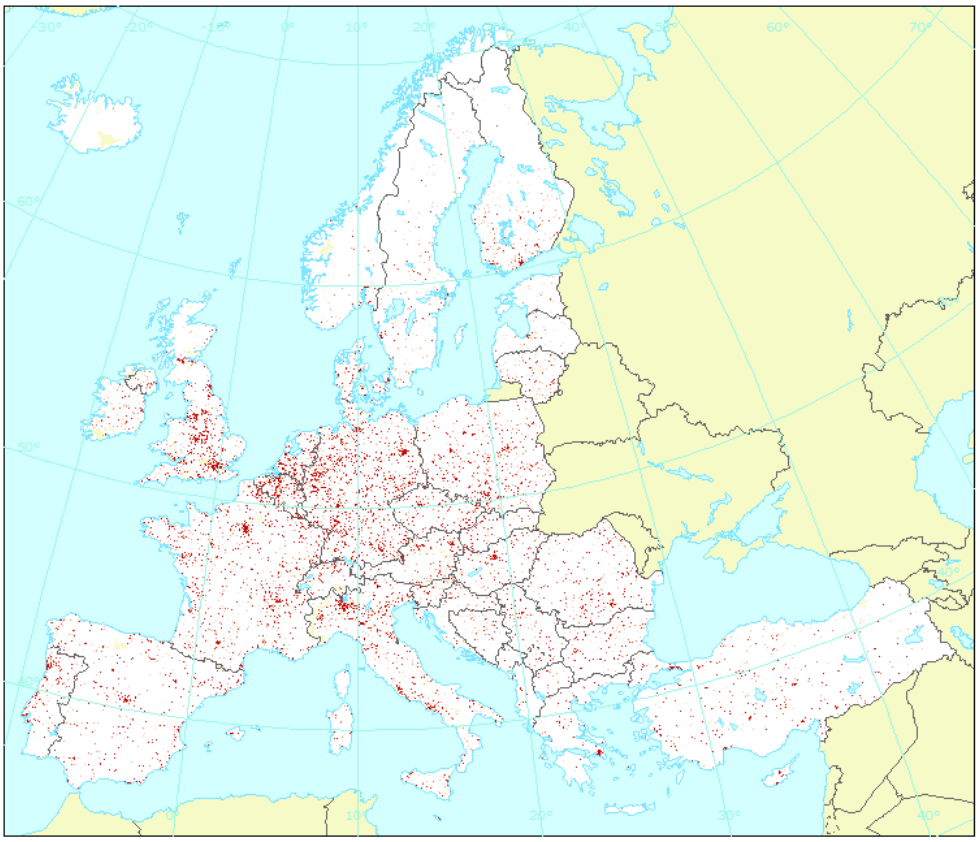
Metadata standard

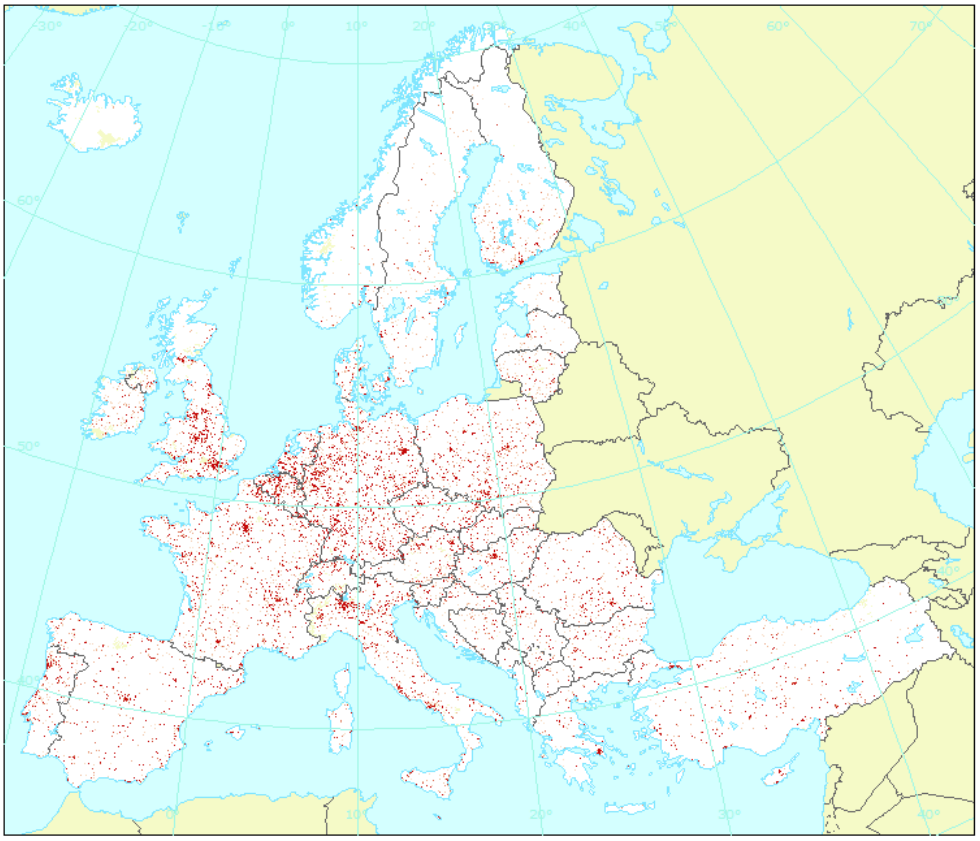
Title	ISO 19115-3:2018
Edition	1.0

Overviews









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