Helcom metadata catalogue

Perfluorooctane sulphonate (PFOS) data

This dataset represents the underlying biota data on core indicator Perfluorooctane sulphonate (PFOS). The core indicator evaluates the status of the marine environment based on concentrations of perfluorooctane sulphonate (PFOS) in Baltic Sea fish. Quantitative thresholds are used to evaluate if core indicators status is Good, Not good or Not assessed. Good status is achieved when the concentrations of PFOS are below the threshold value.

This dataset displays the result of the indicator in HELCOM Assessment Scale 4 (Division of the Baltic Sea into 17 sub-basins and further division into coastal and off-shore areas and division of the coastal areas by WFD water types or water bodies).

Attribute information:

region = MIME subregion

country = country

station = Unique text that identifies the station

stationNam = name for the station

latitude = latitude coordinate of station

longitude = longitude coordinate of station

determinand = determinand

detGroup = the grouping of determinands used to display the results

species = species of measurment

shape = shape used to map assessment results

colour = colour used to map assessment results

l4area = Helcom assessment unit

MSTAT = Type of monitoring station

WLTYP = Water and Land Station Type

fileGroup = used to find the url of the graphs associated with the timeseries

fileSuffix = used to find the url of the graphs associated with the timeseries

filePrefix = used to find the url of the graphs associated with the timeseries

nyall = total number of years of data

nyfit = number of years of data used in the assessment

nypos = number of years with at least one measurement above the limit of detection

lastyear = most recent year of data

pnonlin = the significance of the nonlinear component of the trend (if fitted)

pltrend = the significance of the linear component of the trend (if fitted)

ltrend = annual ‘linear’ change over the whole time series; for contaminants, this is the annual change in log-concentration multiplied by 100, which is approximately the annual percentage change in concentration

prtrend = the significance of the change over the most recent 20 years; for the assessment conducted in November 2016 and published in June 2017, this is the period 1996-2015.

rtrend = annual ‘linear’ change over the most recent 20 years

dtrend = for contaminants, (approximately) the annual percentage change in concentration that will be detected with 90% power with ten years of annual monitoring

meanLY = fitted value in last monitoring year

clLY = upper one-sided 95% confidence limit on fitted value in last monitoring year

HQS = Threshold value

HQSdiff = difference between clLY and HQS

HQSachieve = the year when the mean value is projected to be below the HQS, given current trends (with 3000 indicating it is a very long way off!)

HQSbelow = whether the mean value in the last monitoring year is significantly below HQS

class = imposex class

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/33fbf16b-eb42-4b63-b176-e305fa2f2689
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Oceanographic geographical features
GEMET	• hazardous substance
Keywords	• MADS • HOLAS2 • Core indicator data
Use constraints	Other restrictions
Other constraints	Use constraints: The data and resulting data products (tables, figures and maps) available on the indicator web pages can be used freely given that the source is cited. The indicator should be cited as following: HELCOM (2017) Perfluorooctane sulphonate (PFOS). HELCOM core indicator report. Online. [Date Viewed], [Web link].
Access constraints	Other restrictions
Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Vector
Metadata language	English
Topic category	• Environment

66.22	N	54.11	S	29.66	E	9.46	W



Begin date	2011-01-01
End date	2015-12-31
Unique resource identifier	EPSG:3035
Distribution format	• ESRI Shapefile (1.0)
OnLine resource	Download dataset (WWW:LINK-1.0-http--link)
OnLine resource	Open in Map Viewer (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08

Statement	The data used in the assessment is based on data from the HELCOM COMBINE database to which Contracting Parties report regular monitoring data.The data are extracted based on the HELCOM core indicator extraction table. The assessment protocol is structured in three main parts, 1) changes in log concentrations over time are modelled, 2) check for compliance against threshold value and evidence for temporal change of contaminant concentration per station and 3) a spatial aggregation of status per assessment unit. Confidence of the indicator evaluation results is considered to be high for those areas for which data are available. Additional information: http://helcom.fi/baltic-sea-trends/indicators/perfluorooctane-sulphonate-(pfos)/ Link to Core indicator metadata: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/556e3016-7f36-40b2-8fae-e8e68ca787fd
File identifier	33fbf16b-eb42-4b63-b176-e305fa2f2689 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T11:59:21

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Overviews

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