Helcom metadata catalogue

Heavy metals - lead (Pb)

This core indicator evaluates the status of the marine environment based on concentrations of heavy metal Lead (Pb) in water, fish liver and sediments. Quantitative thresholds are used to evaluate if core indicators status is Good, Not good or Not assessed. Threshold values are based on Environmental quality standards (EQS), defined at EU level for substances included in the priority list under the Water Framework Directive.

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:

“Code” = Code of the Helcom scale 4 assessment unit

“Descriptio” = Description of assessment unit

CR = Contamination ratio, 0 – 1= Status is “Good”, 1-99998= Status is “Not good”, 99998-99999= Status “Not assessed”

Status = Status of the indicator (“Good”, “Not good” or “Not assessed”)

Confidence = Confidence of the status

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/303904af-16c3-440f-8829-48fc263adc61
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Oceanographic geographical features
GEMET	• heavy metal • hazardous substance
Keywords	• MADS • HOLAS2 • Core indicator
Use constraints	Other restrictions
Other constraints	Use constraints: Data can be used freely given that the source is cited (following creative commons license CC-BY). The source should be cited as: “HELCOM (2017) Metals (lead, cadmium and mercury). 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

65.91	N	53.61	S	30.25	E	8.19	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 indicator is based on data held in the HELCOM COMBINE database, hosted at the International Council for the Exploration of the Seas (ICES). All available data on lead in water, fish liver and bottom sediments up to 2015 were used. Evaluation is carried out using an agreed R-script that runs a statistical analysis. The overall confidence of the indicator evaluation is high. Additional info: http://helcom.fi/baltic-sea-trends/indicators/metals/ Link to metadata of biota dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/65469904-74a8-4f7b-a632-4b92b72ac393 Link to metadata of sediment dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/e5f8f266-f55b-4e67-8c7b-89e0fc05cdc5 Link to metadata of water dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/0b9ef450-21d7-477e-a92a-03b7efdf396a
File identifier	303904af-16c3-440f-8829-48fc263adc61 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T12:04:04

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Overviews

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