

# HELCOM Metadata catalogue

## Input of hazardous substances HOLAS 3

The layer depicts the pressure of hazardous substances in the Baltic Sea, based on the data from the HOLAS 3 integrated hazardous substances assessment. The methodology utilizes the integrated status values available for each HELCOM assessment unit on level 3.

The results are based on multiple hazardous substances groups integration, done through the CHASE tool. The integrated assessment assess the hazardous substances status in biota, water and sediment, and final result is based on the worst status.

As the SPIA is carried out using a 1x1km grid and the Integrated hazardous substances is assessed on vector-based HELCOM assessment units, the vector data is rasterized. First, the vector data is rasterized to 100x100m resolution, and thereafter it is aggregated to 10x10km grid using a mean value. A 10 km grid is used in order to make the gradients between assessment units slightly smoother and finally values are converted to 1x1 km resolution.

Please see "lineage" section below for further details.

## Simple

Date (Creation)	2023-03-15
Unique resource identifier	<a href="https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/f84d5c64-4d18-4f85-9226-8812e203b081">https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/f84d5c64-4d18-4f85-9226-8812e203b081</a>
pointOfContact <i>HELCOM Secretariat</i>	
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"><li>Bio-geographical regions</li></ul>
GEMET	<ul style="list-style-type: none"><li>hazardous substance</li><li>environmental impact</li></ul>
Keywords	<ul style="list-style-type: none"><li>MADS</li><li>HOLAS3</li></ul>
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 HOLAS 3 Dataset (2023)"
Access constraints	Other restrictions
Other constraints	<a href="#">Access constraints: No limitations on public access.</a>
Spatial representation type	Grid
Metadata language	English
Topic category	<ul style="list-style-type: none"><li>Environment</li></ul>

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<b>Begin date</b>	2016-01-01 Unknown
<b>End date</b>	2021-12-31 Now
<b>Unique resource identifier</b>	<a href="#">EPSG:3035</a>
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>ESRI Shapefile ( 1.0 )</li> </ul>
<b>OnLine resource</b>	<a href="#">Download Input of hazardous substances HOLAS 3</a> ( WWW:LINK-1.0-http--link )
<b>OnLine resource</b>	<a href="#">View Input of hazardous substances HOLAS 3</a> ( WWW:LINK-1.0-http--link )
<b>Hierarchy level</b>	Dataset

## Conformance result

<b>Date (Publication)</b>	2010-12-08
<b>Statement</b>	<p>Data source:</p> <p>HELCOM HOLAS 3 integrated hazardous substances assessment</p> <p>Original data HELCOM AU level3, converted to 1x1km grid</p> <p>Contamination values for the integrated assessment were normalized according to following categories (original value/pressure value):</p> <p>0-0,5/0-0,2;</p> <p>0,5-1/0,2-0,4;</p> <p>1-5/0,4-0,6;</p> <p>5-10/0,6-0,8</p> <p>and &gt;10/1</p>
<b>File identifier</b>	f84d5c64-4d18-4f85-9226-8812e203b081 <a href="#">XML</a>
<b>Metadata language</b>	English
<b>Character set</b>	UTF8
<b>Hierarchy level</b>	Dataset
<b>Date stamp</b>	2024-05-17T14:06:36

Overviews

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