

# HELCOM Metadata catalogue

## Integrated eutrophication status assessment 2018

This dataset contains integrated eutrophication status assessment 2011-2016. The assessment is done using the HEAT 3.0 by combining assessment unit-specific results from various indicators by three MSFD criteria groups (C1: Nutrient levels, C2: Direct effect, C3: Indirect effect). The assessment is done on HELCOM Assessment Unit level 4: HELCOM Subbasins with coastal WFD water type or water bodies.

The HEAT 3.0 has been applied for open sea assessment units using HELCOM core indicators and for coastal areas using national WFD indicators. In case of Denmark, the WFD results were used directly, displaying different classification as obtained from HEAT.

For more information about the methodology, see the State of the Baltic Sea report and HELCOM Eutrophication assessment manual.

Attribute information:

"HELCOM\_ID": ID of the HELCOM Level 4 Assessment unit

"Country": Country/ Opensea

"level\_2": Name of the HELCOM Level 2 Assessment unit

"Name": Name of the HELCOM Level 4 Assessment unit

"Area\_km2": Area of assessment unit

"C1\_N": MSFD criteria 1, number of indicators used for calculating Eutrophication Ratio (ER)

"C1\_ER": MSFD Criteria 1, ER

"C1\_SCORE": MSFD Criteria 1, Confidence of ER

"C2\_N": MSFD Criteria 2, number of indicators used for calculating ER

"C2\_ER": MSFD Criteria 2, ER

"C2\_SCORE": MSFD Criteria 2, Confidence of ER

"C3\_N": MSFD Criteria 3, number of indicators used for calculating ER

"C3\_ER": MSFD Criteria 3, ER

"C3\_SCORE": Criteria 3, Confidence of ER

"N": Number of criteria used for calculating overall ER

"ER": Overall ER

"SCORE": Status confidence

"STATUS": Status classification (Good (classes 0-0.5 & 0.5-1.0), Not Good (classes 1.0-1.5, 1.5-2.0 & >2.0), Not assessed)

"CONFIDENCE": Final confidence class (< 50% = low, 50-74 % = Moderate, = 75 % = High)

"AULEVEL": Level of assessment units

## Simple

<b>Date (Publication)</b>	2018-06-28
<b>Unique resource identifier</b>	<a href="https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/a30a77d1-12b6-47b4-a520-a54331bdbf41">https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/a30a77d1-12b6-47b4-a520-a54331bdbf41</a>
<b>pointOfContact</b> <i>HELCOM Secretariat</i>	
<b>GEMET - INSPIRE themes, version 1.0</b>	<ul style="list-style-type: none"><li>Oceanographic geographical features</li></ul>
<b>Keywords</b>	<ul style="list-style-type: none"><li>MADS</li><li>HOLAS2 2018 Core indicator</li></ul>

	<ul style="list-style-type: none"><li>Core indicator</li></ul>
Use constraints	Other restrictions
Other constraints	Use constraints: Data can be used freely given that the source (HELCOM) is cited.
Access constraints	Other restrictions
Other constraints	<a href="#">Access constraints: No limitations on public access.</a>
Spatial representation type	Vector
Metadata language	English
Topic category	<ul style="list-style-type: none"><li>Environment</li></ul>

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Begin date	2011-01-01
End date	2016-12-31
Unique resource identifier	<a href="#">EPSG:3035</a>
Distribution format	<ul style="list-style-type: none"> <li>ESRI Shapefile ( 1.0 )</li> </ul>
OnLine resource	<a href="#">Download dataset</a> ( WWW:LINK-1.0-http--link )
OnLine resource	<a href="#">Open in Map Viewer</a> ( WWW:LINK-1.0-http--link )
Hierarchy level	Dataset

## Conformance result

Date (Publication)	2010-12-08
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Statement	<p>Dataset was created in June 2018 by joining HEAT 3.0 output file with HELCOM Level 4 assessment units.</p> <p>Core indicators and pre-core indicators that were used to calculate the integrated eutrophication status assessment for open-sea assessment units:</p> <p><a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/6430a401-88f4-460d-b2d6-f3079bdf0d1">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/6430a401-88f4-460d-b2d6-f3079bdf0d1</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/1c5cc76d-0631-4c24-80f8-ebec20dcea8f">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/1c5cc76d-0631-4c24-80f8-ebec20dcea8f</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/0451441e-b1b7-40ab-8cbd-25b629885dec">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/0451441e-b1b7-40ab-8cbd-25b629885dec</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/2dac4f17-5331-4f8b-8073-4206fccfe0b0">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/2dac4f17-5331-4f8b-8073-4206fccfe0b0</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/fc40fa38-d55a-4562-b123-f6a14a2cd33f">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/fc40fa38-d55a-4562-b123-f6a14a2cd33f</a></p> <p><a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/0dc6d60c-e70e-4b92-8565-ee4f140ec2c7">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/0dc6d60c-e70e-4b92-8565-ee4f140ec2c7</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/efaf6c9b-1f57-4c4d-b268-dfed0b3907e4">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/efaf6c9b-1f57-4c4d-b268-dfed0b3907e4</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/d23979e1-0b59-45b5-8ca0-41ed8e89a742">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/d23979e1-0b59-45b5-8ca0-41ed8e89a742</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/a6f20ce1-8cef-482b-a4e4-aff52cb60f8e">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/a6f20ce1-8cef-482b-a4e4-aff52cb60f8e</a></p> <p><a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/36369024-8c0f-4c4c-81c5-6e20079fa8e0">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/36369024-8c0f-4c4c-81c5-6e20079fa8e0</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/9d9904ba-45f9-4392-9655-20e12a247fad">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/9d9904ba-45f9-4392-9655-20e12a247fad</a></p> <p>- <a href="http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/79a6f8a8-05c4-4113-bfd6-ee671bc06a86">http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/79a6f8a8-05c4-4113-bfd6-ee671bc06a86</a></p> <p>National WFD indicators were used for coastal assessment units.</p>
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	Additional information in "State of the Baltic Sea report" and on the <a href="http://stateofthebalticsea.helcom.fi/">http://stateofthebalticsea.helcom.fi/</a>
<b>File identifier</b>	a30a77d1-12b6-47b4-a520-a54331bdf41 <a href="#">XML</a>
<b>Metadata language</b>	English
<b>Character set</b>	UTF8
<b>Hierarchy level</b>	Dataset
<b>Date stamp</b>	2021-09-24T13:22:15

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*HELCOM Secretariat*

## Overviews

## Provided by