Helcom metadata catalogue

Integrated eutrophication status assessment

The dataset contains integrated eutrophication status assessment 2011-2015. The assessment is done using the HEAT tool 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 tool has been applied for open sea subasins and in 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 State of the Baltic Sea report and http://www.helcom.fi/Documents/Eutrophication%20assessment%20manual.pdf

NOTE: The dataset was corrected in 5 December 2017 regarding C3 values for Åland Sea, Bothnian Sea and Bothnian Bay (Oxygen debt was excluded from C3 calculation for those areas).

Attribute information:

Code: Code of assessment unit

Descriptio: Name of assessment unit

C1_N: Criteria 1, number of indicators used for calculating ER

C1_ER: Criteria 1, Eutrophication ratio (ER)

C1_SCORE: Criteria 1, Confidence of ER

C2_N: Criteria 2, number of indicators used for calculating ER

C2_ER: Criteria 2, Eutrophication ratio (ER)

C2_SCORE: Criteria 2, Confidence of ER

C3_N: Criteria 3, number of indicators used for calculating ER

C3_ER: Criteria 3, Eutrophication ratio (ER)

C3_SCORE: Criteria 3, Confidence of ER

N: Number of criteria used for calculating overall ER

ER: Overall eutrophication ratio (ER)

SCORE: Status confidence

STATUS: Status classification (Good, Not Good, Not assessed)

CONFIDENCE: Final confidence rating

WFD_STATUS: WFD Status in Danish coastal waters

AREA_KM2: Area of assessment unit in km^2

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/7ce6abce-583f-425e-9ae8-d1d6171e5198

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GEMET - INSPIRE themes, version 1.0	• Sea regions
GEMET	• environment

Keywords	• MADS • HOLAS2 • Core indicator •
Use constraints	Other restrictions
Other constraints	Use constraints: Data can be used freely given that the source is cited.
Access constraints	Other restrictions
Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Vector
Metadata language	English
Topic category	• Environment • Oceans

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 dataset was corrected in 5 December 2017 regarding C3 values for Åland Sea, Bothnian Sea and Bothnian Bay (Oxygen debt was excluded from C3 calculation for those areas). Dataset was created in June 2017.
File identifier	7ce6abce-583f-425e-9ae8-d1d6171e5198 XML
Metadata language	English
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Hierarchy level	Dataset
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Overviews

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