Helcom metadata catalogue

Oxygen debt

This core indicator evaluates the eutrophication status of the Baltic Sea area based on oxygen debt. The oxygen debt value is calculated based on data reported to HELCOM COMBINE database using script developed in TARGREV project and further developed within EUTRO OPER project. The R-script for calculating oxygen is accessible from https://github.com/ices-tools-prod/HEAT/tree/master/scripts/OxygenDebt

This dataset displays the result of the indicator in HELCOM Assessment Scale 4 (Division of the Baltic Sea into 17 open sea sub-basins and division of coastal areas to WFD water types or water bodies), but applicable only to certain open sea assessment units. Coastal areas were excluded from the shapefile.

Attribute information:

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

"Description" = Name of the Helcom scale 4 assessment unit”

“Name” = Name of indicator

“Season” = Season of the indicator (Summer = June-September or Annual)

“Period” = Assessment unit period start and end year (20112015 = 2011 – 2015)

“ES” = Indicator value calculated for the assessment unit

“STD” = Standard deviation of data used for calculating ES

“N” = Number of samples

“ET” = Commonly agreed thershold value

“ER” = Ratio between ES and ET (in case of indicator with positive

response to eutrophication)

ES_SCORE” = Confidence based on the data used for calculating ES

ET_SCORE” = Confidence of target-setting procedure I_SCORE” = Confidence (%) = average of ES-Score and ET-Score

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

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/5d6524cc-c954-4a1c-9873-fdd61ae7bea6
pointOfContact *HELCOM Secretariat*	
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 (HELCOM) 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

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	[Add lineage statement here]
File identifier	5d6524cc-c954-4a1c-9873-fdd61ae7bea6 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T12:01:48

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Overviews

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