Helcom metadata catalogue

Cyanobacterial bloom index

This pre-core indicator evaluates the eutrophication status of the Baltic Sea area based on cyanobacterial bloom index. The index is calculated using two types of data: biomass data and Earth observation data. More detailed description on methodology can be found at http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/3f08ab21-7c37-41a2-9a13-f511f8e21f81

and HELCOM Eutrophication assessment manual (http://www.helcom.fi/Documents/Eutrophication%20assessment%20manual.pdf)

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.

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)

“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")

“CONFIDENCE” = Confidence of result based on I-SCORE (“High”, “Moderate” or “Low”)

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/d396d2bb-83f7-47d1-b0ab-cb0c61252ddf
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Sea regions
GEMET	• algal bloom
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 • 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 created in June 2017.
File identifier	d396d2bb-83f7-47d1-b0ab-cb0c61252ddf XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T11:58:10

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Overviews

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