Helcom metadata catalogue

Dissolved inorganic nitrogen

This indicator evaluates the eutrophication status of the Baltic Sea area based on dissolved inorganic nitrogen (DIN) concentration. The measured average DIN is based on in-situ measurements from oceanographic monitoring data for winter period (December-February) 2011-2015 for NO2 + NO3 + NH4 concentration (umol/l), surface water (0-10 m). More detailed description on methodology can be found at HELCOM Core indicator report (http://www.helcom.fi/baltic-sea-trends/indicators/dissolved-inorganic-nitrogen) 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). The open sea areas have been assessed based on HELCOM Monitoring data and results for coastal areas are based on national WFD results.

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” or “Not assessed”)

“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/0cdd0582-df77-4751-a120-3c5b7a49ad84
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 • 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	0cdd0582-df77-4751-a120-3c5b7a49ad84 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
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Overviews

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