

HELCOM Metadata catalogue

Bottom habitats not influenced by permanent anoxia 2016-2021 (HOLAS 3)

The availability of deep water habitat is based on the occurrence of H₂S and describes the suitability of the bottom areas for the Baltic Sea biota, with regard to oxygen conditions of the near-bottom waters. The data used to produce the layer was provided by the Leibniz-Institut für Ostseeforschung Warnemünde (IOW) for the years 2016-2021.

Simple

Date (Publication)	2023-02-14
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/5490da33-8df5-4280-a980-e939a589dc8b
pointOfContact <i>HELCOM Secretariat</i>	
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none">Bio-geographical regions
GEMET	<ul style="list-style-type: none">oxygen deficiency
Keywords	<ul style="list-style-type: none">MADSHOLAS3ecosystem componentdeep water habitat
Use constraints	Other restrictions
Other constraints	Use constraints: Data can be used freely given that the source is cited (following creative commons license CC-BY). The source should be cited as: "HELCOM HOLAS 3 Dataset (2023).
Access constraints	Other restrictions
Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Grid
Metadata language	English
Topic category	<ul style="list-style-type: none">EnvironmentOceans

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Unique resource identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> 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)
OnLine resource	Original downloadable resource (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08
Statement	<p>The data used to produce the layer was provided by the Leibniz-Institut für Ostseeforschung Warnemünde (IOW) in 2022:</p> <p>- areas (polygons) with hydrogen sulfide (H₂S) based on point measurements and modeling. Five time periods/year, for years 2016-2021 (altogether 30 layers).</p> <p>The polygons were converted to raster layers in a way that for each time period (6 years, 5 time periods each year), the areas with H₂S got the value 0, while the other areas got the value 1. All layers were summed, (representing 6 years, 5 time periods each year, maximum value 30) and data was normalised. For more detailed information on the data used, please see Feistel et al. 2016.</p> <p>Data source:</p> <p>Polygon data on sulfidic areas was kindly provided by Leibniz-Institut für Ostseeforschung Warnemünde (IOW). Separate maps can be viewed at http://www.io-warnemuende.de/msr-2016-0100.html.</p> <p>Reference:</p> <p>Feistel, S., Feistel, R., Nehring, D., Matthäus, W., Nausch, G., Nauman n, M., 2016: Hypoxic and anoxic regions in the Baltic Sea, 1969-2015. Meereswiss. Ber, Warnemünde, 100. doi:10.12754/msr-2016-0100</p> <p>Data quality: The data is based on monitoring data and modeling. For further information, see reference.</p>
File identifier	5490da33-8df5-4280-a980-e939a589dc8b XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-03-03T14:06:26

Overviews

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