

HELCOM Metadata catalogue

Seals distribution 2016-2021 (HOLAS 3)

The seals' distribution maps show the distribution and abundance of grey, harbour and ringed seals across the Baltic Sea.

The ecosystem component maps on mammals' distribution were drafted by EG MAMA harbour porpoise and seal distribution teams. The maps were prepared as expert-derived distribution categories to be used in the HELCOM Third Holistic Assessment of the Ecosystem health of the Baltic Sea.

Simple

Date (Creation)	2023
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/37ab54cc-1084-4bcd-a76d-2c2738491081
pointOfContact <i>HELCOM Secretariat</i>	
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none">Species distribution
GEMET	<ul style="list-style-type: none">marine mammalmarine ecology
Keywords	<ul style="list-style-type: none">MADSHOLAS3ecosystem componentgrey seal
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">EnvironmentBiota

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Begin date	2016-01-01
End date	2021-12-31
Unique resource identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> • TIFF ()
OnLine resource	Download Grey seal distribution (WWW:LINK-1.0-http--link)
OnLine resource	View Grey seal distribution (WWW:LINK-1.0-http--link)
OnLine resource	Download Harbour seal distribution (WWW:LINK-1.0-http--link)
OnLine resource	View Harbour seal distribution (WWW:LINK-1.0-http--link)
OnLine resource	Download Ringed seal distribution (WWW:LINK-1.0-http--link)
OnLine resource	View Ringed seal distribution (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08
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Statement	<p>The maps were prepared as expert-derived distribution categories outlined by abundance and distribution experts using the eHarava online map drawing tool (SEAL 11-2017 Outcome, para 4.17). Distribution for each species was drawn on a map using the web-based map tool. The distribution was classified in four classes. The 15th meeting of HELCOM Expert Group on Marine Mammals (EG MAMA 15-2021) noted the need for adjustments in the ecosystem components maps to be used for HOLAS 3, based on improved knowledge of seals distribution in the Baltic (EG MAMA 15-2021 Outcome, para 2.15). The earliest distribution maps were drawn according to HELCOM subbasin borders. Those matched poorly with the known distributions of seals and therefore some later changes have been aimed to improve the ecological relevance of the maps. Currently, the data is not available to produce seasonal results.</p> <p>Data quality:</p> <p>The map is based on expert judgement and gives a rough estimate on the distribution of harbour seals in the Baltic Sea.</p> <p>Attribute information:</p> <p>Raster representing abundance class with following values</p> <p>1 = Common occurrence and reproduction</p> <p>0.75 = Regular occurrence, no regular reproduction</p>
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	<p>0.5 = Rare occurrence, no regular reproduction</p> <p>0 = Very rare or no occurrence</p> <p>The classes are defined as</p> <p>Common occurrence and reproduction - The area covers the core moulting areas, which mostly are important breeding areas for the species as well.</p> <p>Regular occurrence, no regular reproduction - Outside of the breeding and moulting seasons the species uses the area regularly for foraging and traveling, but no regular breeding occurs.</p> <p>Rare occurrence, no regular reproduction - The species does not regularly use the area for foraging or traveling and no breeding occurs , but has on rare occasions been observed in the area.</p> <p>Very rare or no occurrence - The breeding and moulting areas of the species are relatively far compared to the traveling behavior of the species, making random observations or any other sign of occurrence in this area very rare or non-existent.</p>
File identifier	37ab54cc-1084-4bcd-a76d-2c2738491081 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2023-02-22T16:28:19

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Overviews

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