Helcom metadata catalogue

Trends in arrival of new non-indigenous species

This core indicator evaluates the status of the marine environment based on the arrival of new non-indigenous species. The new NIS have been detected both through regular environmental monitoring activities, but in many cases based on incidental sightings. The data have been verified by national experts. Monitoring is not considered to sufficiently cover all areas of the Baltic Sea and hot spot areas for new introductions (e.g. ports) to allow for the conclusion that in areas where no new NIS have been observed there have not been any new introductions.

This dataset displays the result of the indicator in HELCOM Assessment Scale 2 (Division of the Baltic Sea into 17 sub-basins).

Attribute information:

“SB_Code” = Code of the Helcom subbasin

"Name" = Name of the Helcom scale 2 assessment unit

"AREAKM2" = Area of the Helcom scale 2 assessment unit

HELCOM_ID = Helcom id of the Helcom scale 2 assessment unit

A_unit = Name of scale 2 Helcom assessment unit

Threshld_v = Threshold value of indicator

Observatio = Observation (0 or 1)

Confidence = Confidence of the assessment

Species = Species first introduced to the Baltic Sea during 2011-2015 (some 2016 detections included if already available, to be updated for inclusion during 2017)

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

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/e0816467-c550-40cc-a215-2bcd8e196e62
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Species distribution
GEMET	• introduction of animal species
Keywords	• MADS • HOLAS2 • Core indicator
Use constraints	Other restrictions
Other constraints	Use constraints: The data and resulting data products (tables, figures and maps) available on the indicator web page can be used freely given that the source is cited. The indicator should be cited as following: HELCOM (2017) Trend in arrival of new non-indigenous species. HELCOM core indicator report. Online. [Date Viewed], [Web link].
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	Data used in the indicator originates from the AquaNIS database, NOBANIS database scientific publications, the HELCOM list of non-indigenous species and national experts. The indicator covers the entire Baltic Sea: national coastal and offshore waters divided to sub-basins. There are however wide gaps in the spatial coverage of the current biodiversity monitoring especially in the coastal areas. Currently, the monitoring of coastal and estuarine biodiversity is not conducted to reliably show the distribution and abundance of several NIS. The time series data may overemphasize the recent decades and show too steep increase in the rate of introductions due to improved monitoring of NIS. The confidence for areas where detections of new NIS have been made high. Additional info: http://helcom.fi/baltic-sea-trends/indicators/
File identifier	e0816467-c550-40cc-a215-2bcd8e196e62 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T12:00:25

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Overviews

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