

Combined effects of sea-based pressures on marine species and habitats in Europe's seas, Jun. 2020

The dataset presents the potential combined effects of sea-based pressures on marine species and habitats estimated using the method for assessment of cumulative effects, for the entire suite of pressures and a selected set of marine species groups and habitats by an index (Halpern et al. 2008).

The spatial assessment of combined effects of multiple pressures informs of the risks of human activities on the marine ecosystem health. The methodology builds on the spatial layers of pressures and ecosystem components and on an estimate of ecosystem sensitivity through an expert questionnaire.

The raster dataset consists of a division of the Europe's seas in 10km and 100 km grid cells, which values represents the combined effects index values for pressures caused by sea-based human activities. The relative values indicate areas where the pressures potentially affect the marine ecosystem.

This dataset underpins the findings and cartographic representations published in the report "Marine Messages" (EEA, 2020).

Simple

Date (Creation)	2019-10-01		
Date (Publication)	2020-06-16		
Edition	01.00		
Citation identifier	eea_r_3035_10_km_sea-based-pressures_p_2011-2016_v01_r00		
Point of contact	Organisation name	Individual name	Electronic mail address Role
	European Environment Agency		info@eea.eur info@eea.europa.eu Point of contact
	European Environment Agency		info@eea.eur info@eea.europa.eu Custodian
Maintenance and update frequency	Irregular		
GEMET - INSPIRE themes, version 1.0	<ul style="list-style-type: none"> Oceanographic geographical features 		
Keywords			
Keywords			
GEMET	<ul style="list-style-type: none"> pressure combination effect marine environment water sea 		

Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • Bay of Biscay • Mediterranean Sea • English Channel • Celtic Sea • Tyrrhenian Sea • Norwegian Sea • Black Sea • Baltic Sea • North Sea • North Atlantic Ocean • Adriatic Sea • Barents Sea • Ionian Sea • Mediterranean Sea, Western Basin • Mediterranean Sea, Eastern Basin • Aegean Sea • Iceland Sea
Spatial scope	<ul style="list-style-type: none"> • European
EEA topics	<ul style="list-style-type: none"> • Biodiversity • Chemicals • Fisheries and aquaculture • Pollution • Sustainability challenges
Access constraints	Other restrictions
Other constraints	no limitations to public access
Use constraints	Other restrictions
Other constraints	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Aggregate DatasetIdentifier	7ce1666b-fcdc-4cf3-91f0-96b58ad14e99
Association Type	Source
Spatial representation type	Grid
Distance	10 km
Distance	100 km
Language of dataset	English
Topic category	<ul style="list-style-type: none"> • Environment

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Begin date	2011-01-01
End date	2016-12-31
CRS identifier	EPSG:3035
Distribution format	<ul style="list-style-type: none"> GeoTIFF ()

OnLine resource

No information provided.

Hierarchy level	Dataset
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Conformance result

Date (Publication)	2010-12-08
Explanation	See the referenced specification

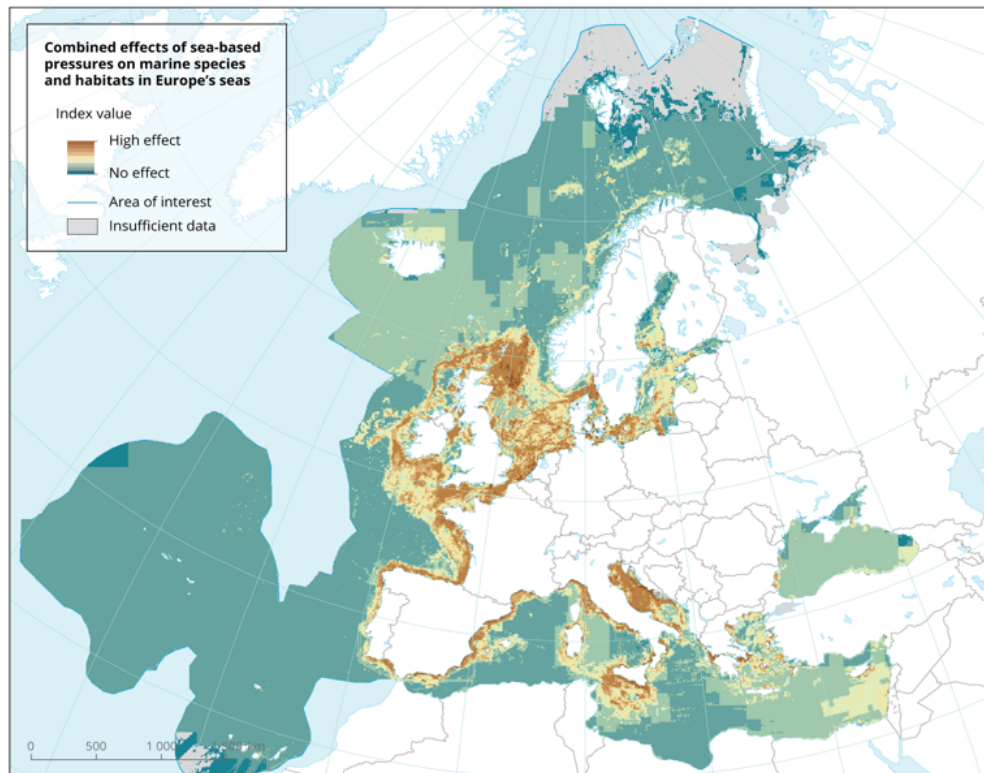
Statement	The dataset has been created using the Cumulative Effect Assessment (CEA). For technical details see: Andersen, J. H. & Stock, A. (eds.). 2013. Human Uses, Pressures and Impacts in the Eastern North Sea. Technical Report, Danish Centre for Environment and Energy, Aarhus University, Roskilde, 134.
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Metadata

File identifier	fc96c6c8-8832-4908-b634-522403aca882 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2022-04-20T11:30:28.873Z
Metadata standard name	ISO 19115/19139
Metadata standard version	1.0

Metadata author	Organisation name	Individual name	Electronic mail address	Role
	European Environment Agency		sdi@eea.eur	Point of contact

Overviews



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