



Baltic Marine Environment Protection Commission

Working Group on the State of the Environment and Nature
Conservation

STATE & CONSERVATION
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Document title	List of existing and new HELCOM Baltic Sea Environment Fact Sheets
Code	6J-1
Category	INF
Agenda Item	6J – Baltic Sea Environment Fact Sheets
Submission date	11.3.2019
Submitted by	Secretariat

Background

The attached table shows the status of updating of Baltic Sea Environment Fact Sheets (BSEFSs).

The following BSEFS have been updated since STATE & CONSERVATION 9-2018:

Nitrogen emissions to the air in the Baltic Sea area
Atmospheric emissions of heavy metals in the Baltic Sea region
Atmospheric emissions of PCB-153 in the Baltic Sea region
Atmospheric emissions of benzo(a)pyrene in the Baltic Sea region
Atmospheric nitrogen deposition to the Baltic Sea
Atmospheric deposition of heavy metals on the Baltic Sea
Atmospheric deposition of benzo(a)pyrene on the Baltic Sea
Atmospheric deposition of PCB-153 on the Baltic Sea
Bacterioplankton growth

Action requested

The Meeting is invited to take note of the information.

List of existing and new HELCOM Baltic Sea Environment Fact Sheets

BSEFS title	Responsible institute/author	Category	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Population Development of Baltic Bird Species: Great Cormorant (<i>Phalacrocorax carbo sinensis</i>)	DE, DK, SE, EE	Biodiversity								x	x	x			x				
Population Development of Baltic Bird Species: Sandwich Tern (<i>Sterna sandvicensis</i> Lath., 1787)	DE, DK, SE, EE, PL	Biodiversity								x	x	x							
Population Development of Baltic Bird Species: Southern Dunlin (<i>Calidris alpina schinzii</i> L., 1758)	DE, DK	Biodiversity										x							
Population Development of Baltic Bird Species: White-tailed Sea Eagle (<i>Haliaeetus albicilla</i>)	DE, FI, SE	Biodiversity										x							
Abundance and distribution of Round goby (<i>Neogobius melanostomus</i>)	CORESET project	Biodiversity											x					x	x
Abundance and distribution of <i>Dreissena polymorpha</i> , Zebra mussel	CORESET project	Biodiversity											x						
Abundance and distribution of <i>Marenzelleria</i> species in the Baltic Sea	CORESET project	Biodiversity											x						
Biopollution level index	LT, FI	Biodiversity											x						
Observed non-indigenous and cryptogenic species in the Baltic Sea	HELCOM Secretariat	Biodiversity											x						
Bacterioplankton growth	Umeå University	Eutrophication					x		x	x	x	x	x		x	x			x
Cyanobacterial blooms in the Baltic Sea	SMHI	Eutrophication			x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Cyanobacteria biomass indicator	PEG	Eutrophication										x	x	x	x	x	x		x
Nitrogen emissions to the air in the Baltic Sea area	EMEP MSC-W	Eutrophication	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Atmospheric nitrogen deposition to the Baltic Sea	EMEP MSC-W	Eutrophication	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x
Phytoplankton community composition in relation to the pelagic food web in the open northern Baltic Sea (old name: Phytoplankton biomass and species succession in the Gulf of Finland, Northern Baltic Proper and Arkona Basin in 2003)	SYKE	Eutrophication	x	x	x	x	x	x	x	x	x	x				x			
Spatial Distribution of the Winter Nutrient Pool	SMHI	Eutrophication			x	x		x	x		x	x	x	x	x	x	x	x	
Liquid discharges of Cs-137, Sr-90 and Co-60 into the Baltic Sea from local nuclear installations	STUK	Hazardous substances												x					
Atmospheric emissions of heavy metals in the Baltic Sea region	EMEP MSC-E	Hazardous substances	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Atmospheric deposition of heavy metals on the Baltic Sea	EMEP MSC-E	Hazardous substances	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Atmospheric emissions of PCDD/F in the Baltic Sea region	EMEP MSC-E	Hazardous substances													x			x	
Atmospheric deposition of PCDD/Fs on the Baltic Sea	EMEP MSC-E	Hazardous substances													x			x	
Atmospheric emissions of PCB-153 in the Baltic Sea region	EMEP MSC-E	Hazardous substances													x				x
Atmospheric deposition of PCB-153 on the Baltic Sea	EMEP MSC-E	Hazardous substances													x				x
Atmospheric emissions of benzo(a)pyrene in the Baltic Sea region	EMEP MSC-E	Hazardous substances														x			x
Atmospheric deposition of benzo(a)pyrene on the Baltic Sea	EMEP MSC-E	Hazardous substances														x			x
Total amounts of the artificial radionuclide caesium -137 in Baltic Sea sediments	MORS	Hazardous substances													x				
Water exchange between the Baltic Sea and the North Sea and conditions in the deep basins	IOW	Hydrography	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Development of Sea Surface Temperature in the Baltic Sea	IOW	Hydrography		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Total and regional runoff to the Baltic Sea	SMHI	Hydrography	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
The ice season	FIMR/Finnish Meteorological Institute (FMI)	Hydrography				x	x	x	x		x	x	x						
Wave climate in the Baltic Sea	FMI, SMHI & BSH	Hydrography				x	x	x	x	x	x	x	x	x	x	x	x	x	x
Hydrography and oxygen in the deep basins	SMHI	Hydrography	x	x	x	x		x	x		x			x	x	x		x	
Emissions from the Baltic Sea shipping	FMI	Maritime						x	x	x	x	x	x	x	x		x		
Illegal discharges of oil in the Baltic Sea	IWGAS	Maritime / hazardous substances															x		