

# Update of HELCOM indicators 2018

3J-22 Summary of HELCOM indicators and their update  
3J-13 HELCOM hazardous substances indicator reports + Att.1-12  
3J-14 HELCOM eutrophication indicator reports + Att.1-9  
3J-15 HELCOM biodiversity indicator reports + Att.1-15

STATE & CONSERVATION 8-2018



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# Indicator reports

- **All data and results were approved at the national checking process.**
- **Indicator reports have been updated by the responsible experts.**
- **Some editorial changes have been carried out at the Secretariat.**
- **Current step: Approval of reports for publication on the indicator webpage.**



# Overview

- All indicators have been updated to cover the 2011-2016 assessment period where possible.
- All indicators have been submitted to State and Conservation 8-2018 except the following:
  - Reproductive disorders: malformed embryos of amphipods – supplementary indicator that was approved last year with 2011-2016 data included.
  - Number of drowned mammals and waterbirds – pre-core indicator (tested in HOLAS II, descriptive approach) for which no update was carried out.



# Thresholds and Status evaluation

The term Good Environmental Status (GES) had previously been retained as an indicator chapter heading.

In the updated versions the term 'Thresholds and Status evaluation' has (or will be) used.



# Editorial work

- Editorial work to create comparable presentation is ongoing (Secretariat in conjunction with indicator leads).
- Those indicators already completed are presented on the designated workspace.

The screenshot displays the HELCOM Meeting Portal interface for the workspace 'HELCOM indicators State and Conservation 8-2018'. The page features a navigation menu on the left with options: Home, Documents, Tasks, Calendar, Site Contents, and EDIT LINKS. The main content area is divided into several sections:

- Project Summary:** Includes a call to action 'Get organized. Edit the task list.' and a timeline for the year 2018, with 'Today' marked on the timeline.
- Newsfeed:** A section for updates with a 'Start a conversation' button and the text 'It's pretty quiet here. Invite more people to the site, or start a conversation.'
- Documents:** A list of documents related to various HELCOM indicators, including:
  - Diatom-Dinoflagellate Index - HELCOM pre-core test indicator 2018\_edi070518
  - Seasonal succession of dominating phytoplankton HELCOM core test indicator 2018\_edi060518
  - Trends in arrival of new non-indigenous species HELCOM core indicator 2018\_edi060518
  - Operational oil-spills from ships 2018\_edi040518
  - Abundance waterbirds winter HELCOM Core indicator\_edi030518
  - Abundance waterbirds breeding HELCOM Core indicator\_edi300418
  - Zooplankton mean size and total stock HELCOM Core indicator\_090518
  - TBT and Imposax HELCOM Core indicator 2018\_edi300418
  - PCB dioxin and furan - HELCOM Core indicator 2018\_edi270418
  - PAH and their metabolites HELCOM Core indicator 2018\_edi270418
  - Heavy Metals HELCOM Core indicator 2018\_edi260418
  - HCDD HELCOM Core indicator 2018\_edi260418
  - PPOS\_HELCOM Core indicator 2018\_edis270418
  - Radioactive substances HELCOM Core indicator 2018\_edi260418
  - State of the soft-bottom macrofauna community - HELCOM core indicator report - HOLAS II component\_20180406

# Action requested

- **All data and results were approved via the national checking process.**
- **Current step: Approval of reports for publication on the indicator webpage.**

The Meeting is invited to:

- take note of the updated indicator reports
- approve the reports for publication on the HELCOM indicator webpage.



# Hazardous substances

- For those indicators using HELCOM COMBINE data – a text describing the handling of ‘initial’ data is included.
- Direct reference to the ICES DOME data view has been removed.
- Some aspects of text have been clarified, as described in document 3J-22.
- **All data and results were approved via the national checking process.**
- **Current step: Approval of reports for publication on the indicator webpage.**



# Technical or factual issues?

- Att.2 Document 3J-13 Heavy Metals HELCOM Core indicator 2018
- Att.3 Document 3J-13 HBCDD HELCOM Core indicator 2018
- Att.4 Document 3J-13 PFOS HELCOM Core indicator 2018
- Att.5 Document 3J-13 PAHs and their metabolites HELCOM Core indicator 2018
- Att.6 Document 3J-13 PCBs, dioxins and furans HELCOM Core indicator 2018
- Att.7 Document 3J-13 PBDEs HELCOM Core indicator 2018
- Att.8 Document 3J-13 Radioactive substances HELCOM Core indicator 2018
- Att.9 Document 3J-13 TBT and ImPOSEX HELCOM Core (test) indicator 2018
- Att.10 Document 3J-13 Diclofenac HELCOM Pre-core (test) indicator 2018
- **Att.11 Operational oil spills from ships**
- **Att.12 White-tailed sea eagle productivity**





# Eutrophication

- **All data and results were approved via the national checking process.**
- **Current step: Approval of reports for publication on the indicator webpage.**



# Technical or factual issues?

- Att.2 Document 3J-14 Chlorophyll a
- Att.3 Document 3J-14 Cyanobacterial bloom index
- Att.4 Document 3J-14 DIN
- Att.5 Document 3J-14 DIP
- Att.6 Document 3J-14 Oxygen debt
- Att.7 Document 3J-14 Total Nitrogen
- Att.8 Document 3J-14 Total Phosphorous
- Att.9 Document 3J-14 Water clarity



# Seals – Finland document

3J-4 Proposed amendments to the core indicator  
Reproductive Status of Seals



# Biodiversity

- All data and results were approved via the national checking process.
- Current step: Approval of reports for publication on the indicator webpage.



# Technical or factual issues?

- **Att.13 Document 3J-15 Reproductive status of seals 2018**
- **Att.14 Document 3J-15 Nutritional status of seals 2018**
- Att.2 Document 3J-15 Abundance of coastal fish key functional groups 2018
- Att.3 Document 3J-15 Abundance of key coastal fish species 2018
- Att.4 Document 3J-15 Abundance of salmon spawners and smolt 2018
- Att.5 Document 3J-15 Abundance of sea trout spawners and parr 2018
- Att.6 Document 3J-15 Abundance of waterbirds in the breeding season 2018
- Att.7 Document 3J-15 Abundance of waterbirds in the wintering season 2018
- Att.8 Document 3J-15 Seasonal succession of dominating phytoplankton 2018
- Att.9 Document 3J-15 State of the soft-bottom macrofauna community 2018
- Att.10 Document 3J-15 Trends in arrival of new non-indigenous species 2018
- Att.11 Document 3J-15 Population trends and abundance of seals 2018
- Att.12 Document 3J-15 Diatom-Dinoflagellate index 2018
- **Att.15 Zooplankton mean size and total stock (MSTS)**
- **Att.16 Distribution of Baltic Seals**





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# Proposed plan – editorial work

- 1) By end of May Secretariat has all reports edited and on the workspace. **Note 15 are already there.**
- 2) Any editorial suggestions are to be informed to the Secretariat by end of 7 June.
- 3) From this point on the Secretariat will prepare documents for the indicator archive, the pdf versions and the online versions to be published on 28 June.

