



Document title	Agenda
Code	1-1
Category	[Category]
Agenda Item	1 - 1
Submission date	12.9.2017
Submitted by	Secretariat and Chair

HELCOM SPICE Workshop on Theme 4: Cumulative Impacts and Maximum Allowable Pressures on Habitats

Time: From 27 September 09:00 – to 28 September 17:00

Venue: HELCOM Secretariat, Helsinki, Finland

The purpose of the workshop is to discuss the results achieved so far under Theme 4 of the SPICE project, to further develop the method for assessing the extent of lost and disturbed underwater habitats, as well as advance the work on the approach to define threshold values allowing for assessment of environmental status. More specifically the workshop will:

- Work on the definition of threshold values for benthic habitats, adapted to the different characteristics within each region or subregion.
- Define current possibilities and future development needs for setting threshold value of environmental status for the assessment of pelagic and benthic habitats with a focus on *a common approaches to the establishment of targets*.

Agenda item 1.

Opening of the workshop and adoption of the agenda

The workshop will be opened and agenda approved

Agenda item 2. Introduction

2.1 Presentation providing an outline of the ongoing development work.

- The chair of the workshop Georg Martin (EMI) will give an overall presentation of the SPICE project aims and ongoing activities of Theme 4.

2.2. Spatial data layers showing the habitat loss

- Presentation by Joni Kaitaranta (HELCOM) showing the results of already achieved and finalized products produced in the HELCOM SPICE project theme 4: Spatial data layers showing the amount of loss. (<http://maps.helcom.fi/website/mapservice/index.html>)

Helcom Map services: pressures → Baltic sea pressure index → aggregated pressures → physical loss

Presenting of disturbed habitats and discussing the challenges met and future development needs.

2.3. Development for defining thresholds for GES for underwater habitats

- How broader and more detailed hierarchical levels could be tackled within the same assessment Presentation by the chair, Georg Martin (EMI)
- Presentation of the case study (Georg Martin EMI), discussing the results based on Estonian test-case
- Conceptual guidelines for integrated pelagic habitats, discussing options and suggestions for future work to be addressed. (Janne-M. Rintala HELCOM).
- On-going red list assessments of threatened habitat types in Finland (Tytti Kontula SYKE)

Agenda Item 3. Definition of adversely affected habitats:

Agenda item 3.1 Learning from work carried out in other sea areas, finding similarities and discussing differences

- Presentation: Current assessment frameworks for trawling impact on benthic habitats: Lessons learnt from ICES WKBENT on structure, function, tolerance and recoverability. Presentation by Anna Törnroos (Åbo Akademi University).
- Sharing expert knowledge of the Baltic Sea
 - Presentation: Showing the novel results reached in Modelling Cumulative Impact thresholds of sensitive habitats (30min) (Elina Virtanen SYKE & Antonia Nyström Sandman (Aquabiota/SwAM))

Agenda item 3.2 Work in separate breakout groups to answers on selected topics

Agenda item 4. Environmental targets

- Physical pressures and biological effects in Swedish coastal environments evaluated by use of the DPSIR-framework invited guest presentation by Patrik Kraufvelin (SLU)
- division into separate workout groups:

- Discussion on what are the grounds needed to be able to propose targets, impact chains, weighing of pressures etc
 - ✓ Soft sea bed habitats
 - ✓ hard sea bed habitats
 - ✓ pelagic

Agenda item 5. Other issues

Provisional Agenda

Wednesday 27 September	
09:00 09:05	Arrival and words of welcome (5 min)
09:05	Introductory session
09:35	- The Chair of the WS: Georg Martin (EMI) will give an overall presentation of the SPICE project aims and ongoing activities of Theme 4 (30min)
10:05-10:15	- Presentation of spatial data layers (Joni Kaitaranta, HELCOM) (30 min)
10:15	coffee 10min
10:45	- How broader and more-detailed hierarchical levels are tackled within the same assessment. (Georg Martin, EMI) (30min)
11:00	- Presentation of the case study: (Estonian test Georg Martin) (15min)
11:30	- Presentation on conceptual guidelines for integrated pelagic habitats (Janne-M. Rintala) (20min talk + 10 min)
11:50	- Discussion (10min)
12:00-13.00	<i>Lunch break</i>
13:00	Definition of adversely affected habitats:
13:00	- Presentation: Assessing trawling impacts on benthic habitats: from the North Sea to the Baltic Sea, current frameworks and lessons learnt (30min) (Anna Törnroos, Åbo Academy University)
13:30	- Presentation: Modelling Cumulative Impact thresholds of sensitive habitats (30min) (Elina Virtanen, SYKE & Antonia Nyström Sandman)
14:00-14:15	Coffee
14:15	Split into break-out working groups
17:45	Plenary
18:00	End of the day one
19:00	<i>Possibility to join a workshop dinner, at own cost</i>

Thursday 28 September	
9:00-09:20 09:20 09:30 10:00 10:15-11:45 3x(20+10)=90min 5x(10+5)=75min 11:45-12:00	<p>Plenary Presentation: On-going Red List assessments of threatened habitat types in Finland (Tytti Kontula SYKE)</p> <p>Discussion</p> <p>Coffee (15min)</p> <p>Rekindle the results from previous days' break-out groups, presentations of each group followed with discussion</p> <ul style="list-style-type: none"> • if only three groups: Benthic (soft & hard) + Pelagic => 20min talk + 10min disc = • if e.g. 5 groups Benthos soft and hard, Pelagic (Zoopl., Phyto., Eutro) i.e. 20min talk + 20min disc., <p>Discuss the outcomes and aim to form consensus from the knowledge gained from breakout groups</p>
12:00-13:00	<i>Lunch break</i>
13:00-17:00 13:30 (13:45) 14:45-15:00 16:45 17:00	<p>From thresholds to targets</p> <ul style="list-style-type: none"> - Plenary Presentation 30-45min: Physical pressures and biological effects in Swedish coastal environments evaluated by use of the DPSIR-framework (Patrik Krauvelin, SLU) <p>Split into working groups</p> <p>Coffee</p> <p>Plenary, summary & Conclusions</p> <ul style="list-style-type: none"> - Discussion on what are the grounds needed to be able to propose targets, impact chains, weighing of pressures etc. <p>Ending the workshop</p>