



“Development of marine biodiversity indicators”

LIFE+ Biodiversity project “MARMONI – Innovative marine biodiversity indicators and monitoring measures” (Project no. LIFE09 NAT/LV/000238)

2-3 November 2011
Sagadi manor, Estonia

Agenda

Wednesday, 2 November

Chair: Heidrun Fammler, project manager

9:00 – 9:30	Registration of the participants
9:30-9:45	Welcome and opening (<i>Heidrun Fammler</i>)
9:45-10:00	Marine biodiversity indicators - state of discussion and existing examples (<i>Georg Martin, EMI</i>)
10:00-11:00	<p>Session 1. Topic: Principles of development of biodiversity or biodiversity related indicators in marine environment and setting targets for good environmental status (GES).</p> <ul style="list-style-type: none">▪ Presentation 1: Indicator-based evaluation of the ecological status of the Central Baltic Sea: the IndiSeas experience on comparative studies of exploited marine ecosystems (<i>Henn Ojaveer, EMI with the contribution of Marta Coll, Institute of Marine Science; Lynne Shannon, University of Cape Town and Martin Lindegren: National Institute of Aquatic Resources, Technical University of Denmark</i>)▪ Presentation 2: MARMONI approach to indicator development (<i>Georg Martin, EMI</i>)▪ Discussion
11:00-11:30	Coffee break

11:30-13:00	<p>Session 2. Topic: Good practice examples of marine biodiversity assessments and monitoring schemes. Relevance of existing monitoring methods for the assessment of the state of marine biodiversity in the Baltic Sea.</p> <ul style="list-style-type: none"> ▪ Presentation 3: Temporal changes of the phytobenthic plant and animal communities in the Northern Baltic Sea (<i>Hasse Kautsky, Stockholm University</i>) <p>Presentation 4: Marine bird abundance and distribution data derived by spatial modelling and automated bird detection in aerial survey image data (<i>Rasmus Due Nielsen and Geoff Groom, Aarhus University</i>)</p>
13:00-14:00	Lunch
14:00-15:30	<ul style="list-style-type: none"> ▪ Presentation 5: On the possibility to use remote sensing in mapping of biodiversity in shallow water coastal environments (<i>Tiit Kutser, EMI</i>) ▪ Presentation 6: Development of a phytoplankton indication system for coastal waters (<i>Hendrik Schubert, Rostock University</i>) ▪ Discussion
15:30-16:00	Coffee break
16:00-18:00	<p>Session 3. Topic: Interrelations between concepts of favourable conservation status of species and habitats in marine environment as defined by the Habitats Directive and GES as defined by the Marine Strategy Framework Directive.</p> <ul style="list-style-type: none"> ▪ Presentation 7: The relationship between favourable conservation status and good environmental status in the Baltic Sea – potential synergies and conflicts (<i>Henrik Skov, DHI</i>) ▪ Discussion
19:00	Joint dinner

Thursday, 3 November

9:00-11.00	<p>Session 4. Topic: Preliminary results of indicator development in MARMONI project.</p> <ul style="list-style-type: none">▪ Presentation 8: Pelagic indicators (<i>Laura Uusitalo, SYKE</i>)▪ Presentation 9: Phytoplankton community structure based indicators (<i>Andres Jaanus, EMI</i>)▪ Presentation 10: Benthic indicators (<i>Georg Martin, EMI; Ari Ruuskanen, SYKE; Nicklas Wijkmark, AquaBiota</i>)▪ Presentation 11: Testing the usage of benthic biodiversity indicators in the Estonian coastal sea: a spatial perspective (<i>Jonne Kotta, EMI</i>)
11:00-11:30	Coffee break
11:30-12:30	<ul style="list-style-type: none">▪ Presentation 12: Fish indicators (<i>Markus Vetemaa, EMI; Antti Lappalainen, FGFRJ; Tomas Didrikas, AquaBiota</i>)▪ Presentation 13: Bird indicators (<i>Ainars Aunins, LFN; Leif Nilsson, Lund University</i>)▪ Discussion of findings so far and further steps
12:30-13:30	<p>Session 5. Policy context of the environmental assessment of the Baltic Sea and relevant indicator development.</p> <ul style="list-style-type: none">▪ Presentation 14: Statement on results of CORESET project and the policy framework of the HELCOM indicator work (<i>Samuli Korpinen, CORESET Project Manager, Helsinki Commission</i>)▪ Discussion on contribution/role of MARMONI project within the policy development on assessment and reporting on marine biodiversity of the Baltic Sea▪ Wrap up of discussion and conclusions
13:30-14:30	Lunch

- Departure of participants (organized transport from Sagadi to Tallinn)