## BOOS Annual Meeting 2014

### Member report

<table>
<thead>
<tr>
<th>Country</th>
<th>ESTONIA</th>
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<tr>
<td><strong>Institution(s)</strong></td>
<td>Estonian Marine Institute, University of Tartu</td>
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### Observations

**Status and new initiatives**

A proposal was presented to Estonian-Swiss Programm to fund a profiling buoy for collecting bio-optical data for operative monitoring of water properties in order to provide near real time data for cal/val of satellite products and different studies on coastal ecology. A co-funding application submitted to Estonian Environmental Investment Centre. The Estonian-Swiss Programm decision is positive, co-funding decision still pending.

EMI acquired and airborne hyperspectral remote sensing instrument HySpex that is installed in Estonian Land Board mapping aircraft and can be used for different marine applications.

### Modelling

**Status and new initiatives**

### Dissemination

**Status and new initiatives**

A cyanobacterial bloom monitoring application was made available through EMI GIS-server (http://loch.ness.sea.ee/gisservices/flex3/sinikud/). The algorithms and methodology was developed based on MERIS data. Unfortunately MERIS is not operational any more and its follow-up mission (OLCI on Sentinel-3) will not be launched before 2015. Therefore, this application will remain inactive in summer 2014.

### Relevant national projects

Estonian Environmental Investment Centre funded a project for developing methods for detection and quantitative mapping of cyanobacterial blooms

### Relevant International projects

### Additional information