

BOOS Annual Meeting 2014

Member report

Country	ESTONIA
Institution(s)	Estonian Marine Institute, University of Tartu
Observations Status and new initiatives	<p>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.</p> <p>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.</p>
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	