

Sweden

May 2010

National Contact: Hans Dahlin

Hans.dahlin@smhi.se

Summary of operational and planned GOOS participation

Observations

Comments

Sea Level	<p>One GLOSS MSL site, Goteborg (latest data posted at Bidston -2008 as of October 2009). FAST data posted at Hawaii center through April 2010 for Gothenberg, Smogen and Stockholm.</p> <p>Overall, 19 sites in National net. Goteborg, Lovo, Skelleftea, Stockholm, Vispy and Maartsbo are GPS positioned. See http://www.sonel.org/spip.php?page=cgps</p>
Waves	<p>At sites Laso ost, Huvuskar ost, S Bothnian, Vaderoarma and S. Baltic. Wave information updated every 30 minutes. http://www.smhi.se/weather/havsvag/ocwave.htm</p>
Currents	<p>At Kalmarsund and sites Laso ost and Huvuskar http://www.smhi.se/weather/havsstrom/occurrents.htm</p>
SST	<p>Recorded at wave sites above and Marviken http://www.smhi.se/weather/havstemp/octemp.htm</p>
Coastal	<p>36 Met stations (wind and temperature) http://www.smhi.se/weather/kustobs/kustobs_en.htm</p>
Ice	<p>Swedish Ice Service collects and maps SST in Skagerrak, Kattegat, Baltic, Gulfs of Bothnia, Finland and Riga twice weekly. Maps ice condition November-May and provides information on ice conditions and restrictions. http://www.smhi.se/cmp/jsp/polopoly.jsp?d=5582&l=en</p>

BIO/Chem

North Sea International Bottom Trawl Survey participant since 1972. 2582 hauls were obtained 1972-2009. Also, 1677 hauls have been obtained during the Baltic International Trawl Survey through 2009.

http://datras.ices.dk/Data_products/Submission_Status.aspx

Regular biological/chemical cruises, RV Argos, Skagerrak-Kattegat-Baltic. 16 cruises in 2007. Swedish Board of Fisheries <http://www.pogo-oceancruises.org/cruises/>

The Algae situation - Surface accumulations of algal blooms in the Baltic Sea. Partner with other Baltic Nations through BOOS.

http://www.boos.org/index.php?id=10&no_cache=1

TS Hydrography

Latest and next Repeat Hydrographic section (standard WOCE sampling). Barrow Alaska to Svalbard Norway 2005 and planned 2012.

http://www.go-ship.org/RefSecs/Table&Meas_May2010b.pdf

Swedish Oceanographic Data Center (SODC) is a National and regional data host for marine physical, biological and chemical data.

http://www.smhi.se/oceanografi/oce_info_data/oce_data_en.html