

BalticC_MarineData: Trend analysis for the surface water pCO₂

1.) General description of the data set:

Wintertime mean pCO₂ data for the surface water in the eastern Gotland Sea, selected for a trend analysis;

2.) Created:

Data were collected during January/February 1996, 1997, 2000, 2004, 2005, 2006, 2007, 2008 and 2009;

3.) Last update:

01/2010

4.) Keywords:

Baltic Sea, pCO₂ trend;

5.) Area:

Eastern Gotland Sea;

6.) Spatial extension:

Latitude: 56° – 58° N;

7.) Spatial resolution:

1 – 2 nautical miles;

8.) Time window:

1996 -2009;

9.) Temporal resolution:

Annual data;

10.) Data and arrays:

Year and mean winter pCO₂;

11.) Reference to other data sets:

No

12.) Data quality (degree of validation):

Validated

13.) Where to find the data?

Data are stored in the Baltic-C data base and are available through the contact person;

14.) Contact person:

Dr. Bernd Schneider
Leibniz Institute for Baltic Sea Research

Seestr. 15
D-18119 Warnemünde

Email: bernd.schneider@io-warnemuende.de;