

BalticC_MarineData: Seasonally resolved pCO₂ fields for the entire Baltic Sea (to be completed under deliverable D06 after month 24)

1.) General description of the data set:

Continuous surface water pCO₂ measurements on a cargo ship;

2.) Created:

Data are collected since 2003;

3.) Last update:

December 31, 2010;

4.) Keywords:

Surface water pCO₂;

5.) Area:

Baltic Proper;

6.) Spatial extension:

Mecklenburg Bight – Gulf of Finland;

7.) Spatial resolution:

1 – 2 nautical miles;

8.) Time window:

2003 – 2008;

9.) Temporal resolution:

About 2 days;

10.) Data and arrays:

Longitude/latitude, pCO₂, salinity, temperature, temperature difference between the measurement and in situ;

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:

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