

BalticC_MarineData: Compilation of existing CO₂/carbon data

1.) General description of the data set:

Time series of total CO₂ in the Gotland Sea deep water;

2.) Created:

Data were collected during Monitoring Cruises 2003 – 2007;

3.) Last update:

August 2009;

4.) Keywords:

Total CO₂, mineralization of organic matter;

5.) Area:

Eastern Gotland Sea, central station BY 15;

6.) Spatial extension:

7.) Spatial resolution:

Depth resolution: 25 m;

8.) Time window:

2003 – 2007;

9.) Temporal resolution:

About 3 months;

10.) Data and arrays:

Temperature, salinity, nitrate/nitrite, phosphate, silicate, O₂, H₂S;

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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