

Baltic-C_Meta-Data-Set: Mineralisation rates established for a range of environmental conditions (D19, delivery month 18)

1.) General description of the data set:

Data set of the calculated mineralization rates for different sediment types

2.) Created:

April 2009;

3.) Last update:

December 2010;

4.) Keywords:

C_{org}, DOC, DIC, ²¹⁰Pb, ¹³⁷Cs, humidity, loss on ignition, porosity;

5.) Area:

Arkona Deep, Gotland Deep, Bornholm Deep, Gdansk Deep, Gulf of Bothnia, southern coast of the Baltic Sea;

6.) Spatial extension:

sampling performed at Baltic Sea deeps and in near-shore zone of the southern Baltic;

7.) Spatial resolution:

Baltic Sea deeps - 10-20 nautical miles, coastal areas - 20-30 nautical miles;

8.) Time window:

January 2009, March 2009, May 2009, October 2009, April 2010, June 2010;

9.) Temporal resolution:

10.) Data and arrays:

longitude, latitude, salinity, temperature, C_{org}, DOC, DIC, ²¹⁰Pb, ¹³⁷Cs, humidity, loss on ignition, porosity;

11.) Reference to other data sets:

No

12.) Data quality (degree of validation):

Validated

13.) Where to find the data?

Data are available through the contact person;

14.) Contact person:

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