

BalticC_MarineData: Cruise ARANDA 2009 spring

1.) General description of the data set:

Data set of total CO₂, total alkalinity, pH, O₂, H₂S, fluorescence, temperature and salinity from vertical profiles from several stations of the central Baltic Sea and from the Gulfs of Bothnia, Finland and Riga

2.) Created:

06/2009

3.) Last update:

01/2010

4.) Keywords:

Baltic Sea, vertical profiles, total CO₂, alkalinity, pH

5.) Area:

Central Baltic Sea, Gulf of Bothnia, Gulf of Finland, Gulf of Riga

6.) Spatial extension:

Longitude: 19.0 – 24.3 E

Latitude: 57.1 – 63.7 N

7.) Spatial resolution:

Horizontal see station map

Vertical: every 5 to 20m from surface to bottom (total alkalinity only from 5m)

8.) Time window:

26.03. – 07.04.2009

9.) Temporal resolution:

Usually one vertical profile per station during the cruise

10.) Data and arrays:

Temperature, salinity, total alkalinity, total CO₂, pH, O₂, H₂S, fluorescence

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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Station map :

