



UNIVERSITY OF GOTHENBURG

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Date: 2009-11-19

Baltic-C Second Scientific and planning meeting, 9-10 November, 2009

Place: Baltic Sea Institute, Warnemuende, arranged by Bernd Schneider

Participants:

Dr. Bernd Schneider, IOW
Dr. Annekatrin Löffler, IOW
Tech. Hildegard Kubsch, IOW
Prof. Anders Omstedt, GU
Dr. Guy Schurgers, LU
Dr. Björn Carlsson, UU
Prof. Anna Rutgersson, UU
M. Sc. Maria Norman, UU
Dr. Matti Pertillä, FMI
Student Laura Joensuu, FMI
Prof. Janusz Pempkowiak, IOPAS
Dr. Jacek Beldowski, IOPAS
M. Sc. Anna Maciejewska, IOPAS
M. Sc. Aleksandra Szczpanska, IOPAS
M.Sc. Karol Kulinski, IOPAS
Dr. Carl-Magnus Mörth, SU
Dr. Theresia Wällstedt, SU

List of action items from the meeting:

1. All PowerPoint presentations will be transformed to pdf files and put on Baltic-C internal homepage by BALTEX through Anders.
2. For all Baltic-C papers/reports that are submitted an abstract should be mailed to Anders who will put them on our internal homepage.
3. Anders will, together with David Ryner, make a Baltic-C database description. This description should be put on the Baltic-C homepage and should explain what datasets we have and how everyone within Baltic-C can get them.
4. We have now decided to use C_T and A_T as symbols for total inorganic carbon and total alkalinity. All chemical units should be given in $\mu\text{mol/kg}$.
5. Anders and Janusz should provide Bernd with positions for the Alkor cruise 2010. Also Anders should contact Prof. Leif Anderson and invite him to the Alkor summer 2010 cruise for pH measurements (1 person).

6. Negative alkalinity should we call it acidity? Probably not as it refer to pH reduction below a reference level (pH 4.5?).
7. TOC (equal to sum of DOC and POC) could be write it as C_{org} ?
8. Anders will contact Lund University and ask them to host the next Baltic-C meeting. In that meeting we should address modelling the carbon system and possible invite all BONUS programs to have the possibility to attend the first days seminar.
9. Next meetings:
 - BONUS annual meeting Jan. 19-21 in Vilnius. Abstract should be submitted soon, see BONUS homepage. Short Baltic-C meeting for those coming to Vilnius.
 - BALTEX Study Conference, June 14-18, Wolin Island Poland. Short Baltic-C meeting for those coming to Poland.
 - Baltic C Third Scientific Workshop, possible time 8-10 November, 2010.

Minutes written by;

Anders Omstedt



2nd Baltic-C Scientific and Planning Meeting



Baltic Sea Research Institute

Warnemünde, November 9./10. 2009

Agenda

Monday, November 9:

9:00 – 9:10: Welcome address by the Head of the Marine Chemistry Section,

Prof. D. Schulz-Bull;

9:10 – 9:20: Organizational information (B. Schneider)

9:20 – 9:30: Introduction to the meeting (A. Omstedt)

9:30 – 12:00: Presentation and Discussion of Sub-Project Reports: Achievements and

Deliverables (each 30 min)

- **University of Lund:** *Terrestrial DOC and carbon modeling. Guy Schurger and Ben Smith*
- **University of Uppsala:** *Atmospheric forcing, deposition and climate runs. Anna Rutgersson and Björn Carlsson*
- **FMI:** *Inorganic Carbon in the Baltic Sea. Laura Joensu and Matti Pertillä*

IOPAN: *Carbon budget of the Baltic Sea. Mineralization rates of organic carbon in the Baltic Sea sediment. Dynamics of POC and DOC concentration in the southern Baltic Sea. Contribution of rivers Odra and Vistula to the Baltic Sea carbon cycle. Janusz Pemkowiak, Jacek Beldowski, Anna Maciejewska, Aleksandra Szczpanska, Karol Kulinski.*

(30 min Coffee Break at 10:00 h)

12:00 – 13:00: Lunch

13:00 – 14:30: Continuation of the morning session

- **IOW:** *Measurements of the Baltic Sea CO₂ system and carbon inventory.*
Bernd Schneider, Annekatriin Löffler
- **University of Stockholm:** *CSIM in Baltic-C. Magmus Mörth, Theresia Wästedt, Christoph Humborg.*
- **University of Gothenburg:** *Factors controlling the acid-base(pH) balance in the Baltic Sea. Merian and Shark meets PROBE-Baltic. Anders Omstedt, Moa Edman.*

14:30 – 15:00: Coffee Break

15:00 – 17:00: “Interaction between models and measurements in Baltic-C”
with contributions by A. Omstedt, B. Schneider and others (?).

19:00 Dinner

Tuesday, November 10:

9:00 – 10:30: Planning of the “ALKOR”-Expedition in 2010

10:30 – 11:00: Coffee Break

11:00 – 13:00: Annual Report, deliverables, BONUS Meeting in 2010, next Baltic-C meeting and

other business

13:00: End of the Meeting

