



## UNIVERSITY OF GOTHENBURG

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DATE: 2008-10-13

### **Baltic-C Kick off meeting 10-11 November 2008**

Place: Department of Earth Sciences, University of Gothenburg

Participants: Anders Omstedt, Dave Ryner, Karin Wesslander, Erik Gustafsson, Bernd Schneider, Ben Smith, Anna Rutgersson, Magnus Mörth ( 2008-11-11), Janusz Pempkowiak, Matti Pertillä.

Program: See attachment 1.

#### §1 Information

The BONUS kick-off meeting will take place 13-15 January in Helsinki and all participants need to registrate to the meeting. Anders will send in a short article on Baltic-C to the BALTEX Newsletter and all PI will become co-authors. Anders have been in discussion with BALTEX and BONUS regarding the Baltic-C home page and both are willing to put up our homepage. It was pointed out, during the meeting, that we need both an open and an internal part in our homepage. This will be discussed during the BONUS kick-off meeting. Anders has also discussed with BONUS about the International Advisory Board that Baltic-C has promised to form. The suggestion from Anders is that that should be organized on BONUS level and not on Baltic-C level. This will also be discussed in Helsinki. The summer school planning to 2009 is on its way with members from Baltic-C involved. The idea is that it will be organised through Prof. Brian Mackenzie and the BALTEX Sec. on Bornholm 2009-07-27--08-07. Anders is in the organisation committe and some of the Baltic-C members have promised to give lectures. A proposal to partly finance the coarse is submitter to the Nordic Marine Academy. Anders will present this as a part of our Baltic-C deliverables.

#### §2 Forming Baltic-C SSC

During the meeting the Baltic-C Scientific Steering Committe was formed with the following members: Anders Omstedt (chair), Christoph Humborg, Janusz Pempkowiak, Matti Pertillä, Anna Rutgersson, Bernd Schneider, and Ben Smith.

#### §3 Budget and program start

The revised Baltic-C program with budget cuts was distributed among the participants. Due to the budget cut the workshop on economical aspect will be organized outside the Baltic-C and in a later phase. Contracts are not yet signed but hopefully soon. We decided that Baltic-C starts 1 January 2009.

#### §4 Data managements

Data managements were discussed shortly and we agreed to sign a data agreement form and Anders will distribute a draft version. Data will be on many different format so we need to become clear about the data handling. The modellers were going through their model needs. A model data management dokument is now developed, see attached file. Similar

observational data management plan is also needed and a start of such a plan is also given as an attached file.

The aims with the data management are to provide the modeller with data and to provide the researcher with data for development of new ideas. The Baltic-C data base will form a supplementary material to the Baltic-C assessment of the carbon dynamics. If data are stored on international data centers and if it is easy to get the data from these centers we do not need to add these to our data base but only give the internet address. The data for driving the models and model outputs needs to be organized in such way that other groups in the future can reproduce our results. The most interesting data such as river inflow data, acid precipitation data, Baltic Sea partial pressure data, alkalinity and pH data should be analysed and become an important part of the Baltic-C data base (more?).

#### §5 Baltic-C field activities

Research vessels will make transects through the whole Baltic Sea- Skagerrak system. IOW have already done one summer expedition with some interesting data that we should use. Aranda starts the first Baltic-C expedition in January, 2009. In summer 2010 we will have another Baltic-C expedition.

#### §6 Next meeting

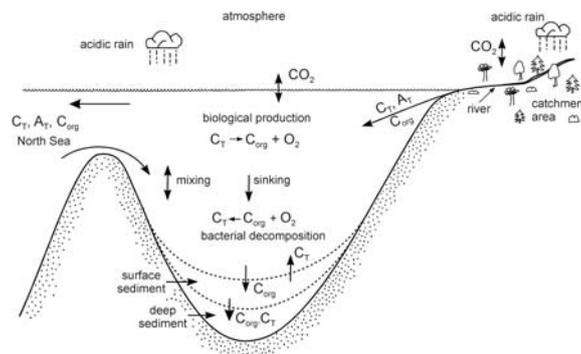
We discussed the meeting activity and style within Baltic-C. As we will know more after the BONUS kick off meeting we decided only to plan the next meeting. Anna will arrange the next meeting between 11 to 13 May, 2009 in Uppsala. We will later come up with a program but the aim with this meeting is to concentrate on science and give the PIs possibility to bring up the most important scientific questions within their Baltic-C workpackage. Magnus suggested after the meeting that he could give an presentation about weathering of organic and inorganic terrestrial carbon? This could be a good start for discussing our model efforts. The meeting should be internal within Baltic-C and PhD students should join. As we have promised to *"To develop interdisciplinary training for involved scientists, a one-two-week exchange program will be held each year"* (**Task 1.4:**) the Uppsala meeting will be our first exchange program. Scientists that have interest to stay a bit longer or visit Östergarnsholm measuring site will thus have such a possibility.

#### §7 Action items

1. Bernd and his daughter are working on a Baltic-C logo which will be updated according to our suggestions during the meeting and submitted to Anders.
2. Janusz was asked to send the IOPAS logo to Anders and if possible some dynamic photos from their sailing research vessel. Janusz should also interact with Matti about sediment measurements during the Aranda expeditions.
3. Anders will provide Magnus with position for the sub-basins used in PROBE-Baltic.
4. Magnus will provide Anders with some photos on him and Christoph in action.
5. Anders will send around a suggestion for a Baltic-C data agreement following the BALTEX tradition.

Anders Omstedt  
2008-11-13

## Attachment 1



## Baltic-C Kick off meeting at University of Gothenburg 10-11 November 2008

Place: Department of Earth Sciences, meeting room Tromben (4.044)

2008-11-10

*Start*

1300-1315 Welcome and short review of BONUS

1315- 1330 Forming the Baltic C Scientific Steering Committee (Baltic-C SSC)

*Workplan, deliverables and timing*

1330-1400 **WP1. Programme management, synthesis and assessment, dissemination (Anders Omstedt, University of Gothenburg, Sweden, and participant code 1).**

1400-1430 **WP8. Modelling the Baltic Sea physical-biogeochemical system based on the  $CO_2/O_2$  dynamics and climate change (Anders Omstedt, University of Gothenburg, Sweden, and participant code 1).**

1430-1500 **WP 2. Measurements of the Baltic Sea  $CO_2$  system and carbon inventories (Bernd Schneider, Baltic Sea Research Institute, Germany, and participant code 2).**

1500-1530 Break with coffee or tea

1530-1600 **WP 3. Inventory of river runoff data (Matti Pertillä, Finnish Institute of Marine Research, Finland, and participant code 3).**

1600-1630 **WP4. Mineralization of organic material, deepwater–sediment interaction (Janusz Pempkowiak, Institute of Oceanology Polish Academy of Sciences, Poland, and participant code 4)**

1630-1700 **WP5. Atmospheric forcing (Air-sea interaction, scenarios) (Anna Rutgersson, Uppsala University, Sweden, and participant code 5).**

1900- Joint dinner

2008-11-11

0900-0930 **WP6. Modelling the organic matter input from terrestrial vegetation and soils (Benjamin Smith, Lund University, Sweden, and participant code 6).**

Coffey or tea will be available

0930-1000 **WP. 7. Modelling the input  $A_T$ ,  $C_T$ ,  $Ca$ , and  $C_{org}$  from all rivers to the Baltic Sea (Christoph Humborg, Stockholm University, Sweden, and participant code 7).**

*Program interaction and planning*

1000-1130 Data and model needs

1100-1130 Preparation for the BONUS kick-off meeting

1130-1230 Lunch

1230-1430 Time planning and action items

1430-1500 Summary and closing the meeting