

Minutes of
29th Meeting
of the
BALTEX Science Steering Group

in conjunction with the

BALTEX Working Group on PostBALTEX

held at

Park Inn Copenhagen Airport, Copenhagen, Denmark

22 January 2013

Edited by

Marcus Reckermann

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Decisions

1. BSSG # 30 meeting to be held at Hotell Strand, Borgholm, Öland on Sunday 9 June 2013 at 16:00
2. Award to be presented to people related to outstanding achievements throughout the BALTEX programme.
3. A comprehensive overview lecture on BALTEX to be prepared for the opening ceremony of the Öland conference.
4. PostBALTEX Interims SSG was formed (details see Annex 3)

Actions

1. E-Mail to former and current BSSG members to identify outstanding BALTEX achievements and related individuals (MR)
2. Prepare lecture on 20 years of BALTEX research for Öland conference (BSSG chairs, MR)
3. Prepare time slot for Interims SSG meeting at Öland conference (MM, MR).

Introduction

BALTEX Phase II will come to an end at the 7th Study Conference on BALTEX on Öland, 10-14 June 2013. The process to collect views and suggestions among the BALTEX community for a potential follow-up programme has been going on since June 2010 (BSSG 25). A Working Group on PostBALTEX was installed in September 2011 (BSSG 27), to draft suggestions for a possible “PostBALTEX” programme. The Working Group presented their suggestions to the BSSG in Tallinn, September 2012 (BSSG 28). This joint interim meeting of BSSG and WG on PostBALTEX was initiated to prepare a smooth transition from BALTEX to the new programme, to be settled at the Öland Conference. The meeting was chaired by BSSG co-chair Anders Omstedt.

1. Organisational issues

1.1 Approval of the agenda

The agenda for the 29th BSSG meeting (Annex 1) was approved.

1.2 Approval of the previous BALTEX SSG meeting minutes and action items

The minutes of the 28th BSSG meeting were unanimously approved. Action items of BSSG28 are settled; however, Action Item 3 (Sirje Keevallik to find co-authors and lead the writing process for a publication on the motivations and events leading to the formation of a “pan-baltic” research community, stimulated by BALTEX) and Action Item 4 (Andris Andrusaitis to explore the possibility for a synthesis report of selected thematically coherent groups of completed BONUS projects, organized by BONUS) are pending.

2. Round table: What does BALTEX mean to you?

Meeting participants were asked to briefly formulate what BALTEX meant to them. Aspects which were mentioned often were the network idea with interdisciplinary and international collaboration and international friendships. Content-related aspects mentioned were the development of modelling capabilities and coupled models, and the inclusion of biogeochemical processes and the Earth system at large. The importance of observations and data inventories was also acknowledged. The BACC book was mentioned as outstanding single achievement. The infrastructure of BALTEX was especially acknowledged: the secretariat, the study conferences and summer schools, the value for education (some now leading BALTEX scientists started as PhD students in the BALTEX orbit) and the fact that the network had no central funding which also provided a degree of freedom. Members from former Soviet Union countries stressed the support by BALTEX for these countries, especially in the first few years.

3. Open discussion

Anna Rutgerzon provided a summary of the report which had been compiled by the WG on PostBALTEX for BSSG 28, followed by an open discussion on the future directions of the new programme.

There was an agreement that specific positive aspects of BALTEX should be continued (infrastructure like secretariat, publication series, newsletter, conferences, summer schools,

BACC-type assessments, GEWEX embedment). A scientific network was suggested, based on a voluntary collaboration of engaged scientists from different disciplines including the human dimensions, but with an emphasis on the natural sciences. In general, the new programme should take a holistic view on the Earth system of the Baltic Sea region, encompassing processes in the atmosphere, on land and in the sea and also in the anthroposphere.

A desirable aspect of the new programme was described as providing a service to society in the respect that thematic assessments provide an overview over knowledge gaps which need to be filled (e.g. by funded projects). A broad support from institutions all around the Baltic Sea region would be desirable, both in terms of engaged scientists which contribute to the network with their working time, but also as occasional sponsors of special events like workshops, summer schools or conferences. Educational aspects like PhD or summer schools were deemed to be important parts of the new programme. Working groups (a new one on challenges for the southern Baltic Sea coasts was proposed) would be important centres of the scientific work. It was generally suggested that the new programme should remain in the GEWEX/WCRP framework, as far as possible. The Secretariat at Helmholtz-Zentrum Geesthacht was considered as crucial for the success of the new programme.

The presentation of the new programme at the Öland conference should be prepared by a dedicated core group of dedicated BALTEX scientists (see section 5).

4. Wrapping up BALTEX at Öland

An award should be dedicated to people related to outstanding achievements in the course of BALTEX (both phases). This award could be a diploma together with free registration and conference dinner at the first conference of the new programme. Former and current BSSG members will be asked for outstanding achievements and related people in the course of both BALTEX phases.

The 30th and final BSSG meeting will take place on Sunday 9 June 2013 at 16:00.

It will be necessary to prepare a good overview presentation on the 20 years of BALTEX research and its background for the opening ceremony. There is a possibility that the Swedish Crown Princess Victoria may open the conference on Öland.

5. Interim Science Steering Group

Present members of the WG on PostBALTEX gathered at a breakout meeting to discuss options towards the establishment of a future new steering group and actions concerning the start of the new programme. An interim science steering group was formed and given the mandate to prepare the launch of the new programme at the 7th Study Conference on BALTEX on Öland and lead the first year of the new programme, in which new terms of references and the structure of the new working groups and the new steering committee shall be elaborated. This group has a mandate until one year after the Öland conference, i.e. 30 June 2014. Markus Meier was elected as chair of the interim steering group, Anna Rutgersson as vice-chair. The new programme will be presented by this group at the Öland conference (see further details in Annex 3).

6. Name and logo

It will be up to the Interim Science Steering Group to decide on a new name and logo. One suggestion was to have the logo similar to the current BALTEX logo to express the BALTEX heritage.

Place and time of the next BSSG meeting

The final meeting (BSSG #30) of the BALTEX Science Steering Group will be in conjunction with the 7th Study Conference on Öland, Sweden, on 9 June 2013

Any other business

None.

Abbreviations and Acronyms

BACC	BALTEX Assessment of Climate Change for the Baltic Sea basin
BALTEX	The Baltic Sea Experiment
BONUS	Joint Baltic Sea research and development programme
BSSG	BALTEX Science Steering Group
GEWEX	Global Energy and Water Cycle Experiment
PostBALTEX	Interims acronym for the BALTEX successor programme
WCRP	World Climate Research Programme

Annex 1: BSSG #29 Meeting Agenda**29th BALTEX SSG Meeting****22 January 2013**

**Park Inn
Copenhagen Airport
Denmark**

AGENDA
(As of 21 January 2013)

This one-day BSSG meeting was held in conjunction with the 3rd meeting of the BALTEX Working Group on PostBALTEX. Its primary goal is to initiate a new Steering group for the new programme and prepare the transition to the new programme at the 7th Study Conference on BALTEX, to be held on Öland, Sweden on 10-14 June 2013.

9:00 Coffee, Tea and refreshments**10:00 Start of the meeting**

Welcome by the chairs
Round table

Introduction to PostBALTEX (short summary of the WG on PostBALTEX report)**Discussion**

- Scientific focus
- Geographic and institutional balance

13.00 Lunch**13.45 Discussion**

- New Steering group composition
- Presentation at Öland conference
- Formal transition ceremony at the Öland conference

14:30 Coffee, Tea and refreshments**15:00 Discussion**

- Continued from above
- New name and logo

17:00 Wrap-up of the meeting and summary of decisions**17:30 End of the meeting**

Annex 2: List of participants

Franz Berger, BSSG

Meteorologisches Observatorium Lindenberg - Richard-Aßmann-Observatorium, Deutscher Wetterdienst, Tauche, Germany

Jüri Elken, BSSG

Tallinn University of Technology, Marine Systems Institute, Tallinn, Estonia

Sven-Erik Gryning, BSSG

Risø DTU, National Laboratory for Sustainable Energy, Risø, Denmark

Jari Haapala, WG-PB

Finnish Meteorological Institute, Helsinki, Finland

Sirje Keevallik, BSSG

Marine Systems Institute at Tallinn University of Technology, Tallinn, Estonia

Karol Kulinski, WG-PB

Institute of Oceanology PAN, Sopot, Poland

Andreas Lehmann, , BSSG and WG-PB

Leibniz Institute for Marine Sciences, Kiel, Germany

Markus Meier, WG-PB

Swedish Meteorological and Hydrological Institute, Norrköping, Sweden

Carin Nilsson, WG-PB

Lund University, Sweden

Kai Myrberg, BSSG

SYKE Finnish Environment Institute, Helsinki, Finland

Anders Omstedt, BSSG

Göteborg University, Earth Sciences Centre – Oceanography, Göteborg, Sweden

Piia Post, WG-PB

University of Tartu, Estonia

Marcus Reckermann

International BALTEX Secretariat at Helmholtz-Zentrum Geesthacht, Germany

Anna Rugersson, WG-PB

University of Uppsala, Sweden

Benjamin Smith, WG-PB

Lund University, Geography and Ecosystems Analysis, Lund, Sweden

Martin Stendel, BSSG

Danish Climate Centre, Danish Meteorological Institute

Hans von Storch, BSSG

Helmholtz-Zentrum Geesthacht, Germany

Valery Vuglinsky, BSSG

State Hydrological Institute, St. Petersburg, Russia

Eduardo Zorita, WG-PB

Helmholtz-Zentrum Geesthacht, Geesthacht, Germany

Annex 3: WG on PostBALTEX breakout minutes and decisions

A new group was formed as an Interim Science Steering Group until June 30, 2014:

Markus Meier (chair)
Anna Rutgersson (co-chair)
Carin Nilsson
Ben Smith
Jari Haapala
Piia Post
Karol Kulinski
Andreas Lehmann
Eduardo Zorita
Frank Beyrich (represented by Franz Berger in Copenhagen)
Anders Omstedt
Sirje Keevalik
Hans von Storch

Tasks for the new Interim Science Steering Group prior to the Öland conference

1. Decide about the name and logo to be presented at Öland
2. Improve the science plan (if necessary) to be presented at Öland
3. How do we want to present PostBALTEX on Öland?

Tasks for Markus Meier (chair)

1. Set up a Doodle for a meeting to decide about the name, logo and other urgent matters for the Öland conference
2. Organize a meeting of the new Interim SSG on Öland
3. Contact Marcus (secretariat) about Öland time schedule
4. Write two pages summarizing the new science plan, discuss within the group and distribute to stakeholders before the Öland conference, e.g. in March/April

Tasks for the Interim Science Steering Group after the Öland conference (perhaps 2. should be decided during the meeting in March):

1. Formulate terms of references for the final PostBALTEX SSG (criteria: gender, geographic and institutional balance, members from all countries but not necessary), active leading group (everybody will get a task)
2. Go through the list of working groups and decide which ones will continue like BACC and the upcoming Polish-German collaboration about sandy beaches, erosion, etc. (Hans von Storch)
3. Go through a list of activities (workshops, meetings etc.) which had been decided on before January 2013 and which will extend or take place after the Öland conference
4. Set up a working plan for the Interim SSG for the period June 2013 - June 2014.

International BALTEX Secretariat Publication Series

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- No. 1:** Minutes of First Meeting of the BALTEX Science Steering Group held at GKSS Research Centre in Geesthacht, Germany, 16-17 May, 1994. August 1994.
- No. 2:** Baltic Sea Experiment BALTEX – Initial Implementation Plan, 84 pages. March 1995.
- No. 3:** First Study Conference on BALTEX, Visby, Sweden, August 28 – September 1, 1995. Conference Proceedings. Editor: A. Omstedt, SMHI Norrköping, Sweden, 190 pages. August 1995.
- No. 4:** Minutes of Second Meeting of the BALTEX Science Steering Group held at Finnish Institute of Marine Research in Helsinki, Finland, 25-27 January, 1995. October 1995.
- No. 5:** Minutes of Third Meeting of the BALTEX Science Steering Group held at Strand Hotel in Visby, Sweden, September 2, 1995. March 1996.
- No. 6:** BALTEX Radar Research – A Plan for Future Action, 46 pages. October 1996.
- No. 7:** Minutes of Fourth Meeting of the BALTEX Science Steering Group held at Institute of Oceanology PAS in Sopot, Poland, 3-5 June, 1996. February 1997.
- No. 8:** *Hydrological, Oceanic and Atmospheric Experience from BALTEX*. Extended Abstracts of the XXII EGS Assembly, Vienna, Austria, 21-25 April, 1997. Editors: M. Alestalo and H.-J. Isemer, 172 pages. August 1997.
- No. 9:** The Main BALTEX Experiment 1999-2001 – *BRIDGE*. Strategic Plan, 78 pages. October 1997.
- No. 10:** Minutes of Fifth Meeting of the BALTEX Science Steering Group held at Latvian Hydro-meteorological Agency in Riga, Latvia, 14-16 April, 1997. January 1998.
- No. 11:** Second Study Conference on BALTEX, Juliusruh, Island of Rügen, Germany, 25-29 May 1998. Conference Proceedings. Editors: E. Raschke and H.-J. Isemer, 251 pages. May 1998.
- No. 12:** Minutes of 7th Meeting of the BALTEX Science Steering Group held at Hotel Aquamaris in Juliusruh, Island of Rügen, Germany, 26 May 1998. November 1998.
- No. 13:** Minutes of 6th Meeting of the BALTEX Science Steering Group held at Danish Meteorological Institute in Copenhagen, Denmark, 2-4 March 1998. January 1999.
- No. 14:** BALTEX – BASIS Data Report 1998. Editor: Jouko Launiainen, 96 pages. March 1999.
- No. 15:** Minutes of 8th Meeting of the Science Steering Group held at Stockholm University in Stockholm, Sweden, 8-10 December 1998. May 1999
- No. 16:** Minutes of 9th Meeting of the BALTEX Science Steering Group held at Finnish Meteorological Institute in Helsinki, Finland, 19-20 May 1999. July 1999.

- No. 17:** Parameterization of surface fluxes, atmospheric planetary boundary layer and ocean mixed layer turbulence for BRIDGE – What can we learn from field experiments? Editor: Nils Gustafsson. April 2000.
- No. 18:** Minutes of 10th Meeting of the BALTEX Science Steering Group held in Warsaw, Poland, 7-9 February 2000. April 2000.
- No. 19:** BALTEX-BASIS: Final Report, Editors: Jouko Launiainen and Timo Vihma. May 2001.
- No. 20:** Third Study Conference on BALTEX, Mariehamn, Island of Åland, Finland, 2-6 July 2001, Conference Proceedings. Editor: Jens Meywerk, 264 pages. July 2001.
- No. 21:** Minutes of 11th Meeting of the BALTEX Science Steering Group held at Max-Planck-Institute for Meteorology in Hamburg, Germany, 13-14 November 2000. July 2001.
- No. 22:** Minutes of 12th Meeting of the BALTEX Science Steering Group held at Royal Netherlands Meteorological Institute (KNMI), De Bilt, The Netherlands, 12-14 November 2001. April 2002.
- No. 23:** Minutes of 13th Meeting of the BALTEX Science Steering Group held at Estonian Business School (EBS), Centre for Baltic Studies, Tallinn, Estonia, 17-19 June 2002. September 2002.
- No. 24:** The eight BALTIMOS Field Experiments 1998-2001. Field Reports and Examples of Measurements. Editors: Burghard Brümmer, Gerd Müller, David Schröder, Amélie Kirchgäßner, Jouko Launiainen, Timo Vihma. 138 pages. April 2003,.
- No. 25:** Minutes of 14th Meeting of the BALTEX Science Steering Group held at Lund University, Department of Physical Geography and Ecosystems Analysis, Lund, Sweden, 18 - 20 November 2002. May 2003.
- No. 26:** CLIWA-NET: BALTEX BRIDGE Cloud Liquid Water Network. Final Report. Editors: Susanne Crewell, Clemens Simmer, Arnout Feijt, Erik van Meijgaard, 53 pages. July 2003.
- No. 27:** Minutes of 15th Meeting of the BALTEX Science Steering Group held at Risø National Laboratory, Wind Energy Department, Roskilde, Denmark, 8 - 10 September 2003. January 2004.
- No. 28:** Science Plan for BALTEX Phase II 2003 – 2012. February 2004, 43 pages.
- No. 29:** Fourth Study Conference on BALTEX, Gudhjem, Bornholm, Denmark, 24 - 28 May 2004, Conference Proceedings. Editor: Hans-Jörg Isemer, 189 pages. May 2004.
- No. 30:** Minutes of 16th Meeting of the BALTEX Science Steering Group held at Gudhjem Bibliotek, Gudhjem, Bornholm, Denmark, 23 May 2004. October 2004.
- No. 31:** BALTEX Phase I 1993-2002 – State of the Art Report. Editors: Daniela Jacob and Anders Omstedt, 181 pages, October 2005.
- No. 32:** Minutes of 17th Meeting of the BALTEX Science Steering Group held at Poznan, Poland, 24 – 26 November 2004. November 2005.

- No. 33:** Minutes of 18th Meeting of the BALTEX Science Steering Group held at Meteorological Observatory Lindenberg – Richard Aßmann Observatory, Germany, 18 – 20 October 2005. February 2006.
- No. 34:** BALTEX Phase II 2003 – 2012 Science Framework and Implementation Strategy, 95 pages. April 2006.
- No. 35:** BALTEX Assessment of Climate Change for the Baltic Sea Basin. Summary. Editors: The BACC lead author group, 26 pages. June 2006.
- No. 36:** Minutes of 19th Meeting of the BALTEX Science Steering Group held at Ågrenska Villan of Göteborg University Sweden, 23 – 24 May 2006. October 2006.
- No. 37:** Minutes of 20th Meeting of the BALTEX Science Steering Group held at St. Petersburg, Russia, 6 – 7 December 2006. March 2007.
- No. 38:** Fifth Study Conference on BALTEX, Kuressaare, Saaremaa, Estonia, 4 - 8 June 2007. Conference Proceedings. Editor: Hans-Jörg Isemer, 209 pages. May 2007.
- No. 39:** Minutes of 21st Meeting of the BALTEX Science Steering Group held at Kuressaare, Saaremaa, Estonia, 3 June 2007. September 2007.
- No. 40:** Minutes of 22nd Meeting of the BALTEX Science Steering Group held at SMHI, Norrköping, Sweden, 23-25 January 2008. May 2008.
- No. 41:** 2nd International Lund RCM Workshop: 21st Challenges in Regional-scale Climate Modelling. Lund University, 4-8 May 2009. Workshop Proceedings. Editors: Burkhardt Rockel, Lars Bärring and Marcus Reckermann. 292 pages, April 2009.
- No. 42:** International Conference on Climate Change – The environmental and socio-economic response in the southern Baltic region. University of Szczecin, 25-28 May 2009. Conference Proceedings. Editors: Andrzej Witkowski, Jan Harff and Hans-Jörg Isemer. 140 pages, May 2009.
- No. 43:** Minutes of 23rd Meeting of the BALTEX Science Steering Group held at Finnish Meteorological Institute, Helsinki, Finland, 12 - 14 January 2009. July 2009.
- No. 44:** BALTEX Phase II 2003 – 2012 Revised Objectives. A Summary Amendment to the BALTEX Phase II Science Framework and Implementation Plan. 23 pages. November 2009.
- No. 45:** Minutes of 24th Meeting of the BALTEX Science Steering Group held at the University of Riga, Riga, Latvia, 16 - 18 November 2009. March 2010.
- No. 46:** Sixth Study Conference on BALTEX, Miedzyzdroje, Wolin, Poland, 14 - 18 June 2010. Conference Proceedings. Editor: Marcus Reckermann and Hans-Jörg Isemer, 182 pages. June 2010.
- No. 47:** Minutes of 25th Meeting of the BALTEX Science Steering Group held at the Hotel Amber Baltic, Międzyzdroje, Poland, 13 June 2010. September 2010.
- No. 48:** SurBACC 2010. A survey of the perspectives of climate scientists concerning climate change and climate science in the Baltic Sea basin. Author: Dennis Bray. 82 pages, October 2010.

- No. 49:** Minutes of 26th Meeting of the BALTEX Science Steering Group held at the University of Gothenburg, Sweden, 24-25 November 2010. March 2011.
- No. 50:** A survey of the perceptions of regional political decision makers concerning climate change and adaptation in the German Baltic Sea region. Authors: Dennis Bray and Grit Martinez. September 2011.
- No. 51:** Minutes of 27th Meeting of the BALTEX Science Steering Group held at the Baltic Sea Research Institute Warnemünde, Germany, 29-30 September 2011. December 2011.
- No. 52:** Minutes of 28th Meeting of the BALTEX Science Steering Group held at the Marine Systems Institute, Tallinn University of Technology, Estonia, 5 September 2012. December 2012.
- No. 53:** Seventh Study Conference on BALTEX, Borgholm, Öland, Sweden, 10 - 14 June 2013. Conference Proceedings. Editor: Marcus Reckermann and Silke Köppen, 190 pages. June 2013.
- No. 54:** Minutes of 29th Meeting of the BALTEX Science Steering Group in conjunction with the Joint Interims Meeting of the BALTEX Science Steering Group and BALTEX Working Group on PostBALTEX held at Park Inn, Copenhagen Airport, Denmark, 22 January 2013. August 2013.

Copies are available upon request from the International BALTEX Secretariat.