

Minutes of
30th Meeting
of the
BALTEX Science Steering Group

held at

Strand Hotell, Borgholm, Öland, Sweden

9 June 2013

Edited by

Marcus Reckermann

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Decisions

1. As of this BSSG meeting #30, the BALTEX Science Steering Group is dissolved.

Introduction

This final BALTEX Science Steering Group meeting took place in conjunction with the 7th Study Conference on BALTEX, where the new programme Baltic Earth, which succeeds BALTEX, was launched. Scope of the meeting was the transition of BALTEX to Baltic Earth at the conference and thereafter, and the termination of the BALTEX Science Steering Group. Anders Omstedt, co-chair of BSSG, welcomed all present members of BSSG to this final meeting. Current and future projects, events and publications were summarized, Sirje Keevallik dared to compare BALTEX and its development with the inflation of the Universe, and Hans-Jörg Isemer gave a retrospective presentation of 20 years of International BALTEX Secretariat.

1. Organisational issues

1.1 Approval of the agenda

The agenda for the 30th BSSG meeting (Annex 1) was approved.

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

The minutes of the 29th BSSG meeting, which was a joint meeting with the WG on PostBALTEX, were unanimously approved. The goal of this meeting was the installation of an Interim Science Steering Group on the new programme. Therefore, all action items of BSSG29 refer to the new group and will be settled there.

2. The new Interim Science Steering Group

At the last BALTEX SSG Meeting No. 29, the WG on PostBALTEX identified chairs and members of a Core Interims PostBALTEX Science Steering Group. This group had a meeting in Hamburg, 22 April 2013, to prepare the launch of the new programme at the 7th Study Conference on BALTEX on Öland. Specifically, decisions were taken concerning the way the new programme was to be presented at the Wednesday morning session (12 June), names for new members for a larger Interims-SSG to be approached, and concerning a name and logo for the new programme.

The new Science Steering Group roots in the Core Interims Steering Group (see BSSG 29). New members will be approached to fill up the Steering Group so that a good representation according to the criteria set out below. An annual self-evaluation on member activities should warrant that the group stays active. Criteria for steering group members are:

- Active contribution to SSG meetings, conferences, workshops, summer schools, chairing working groups and contribute in projects like BACC and Grand Challenges projects
- Country balance
- Gender balance
- Scientific discipline balance
- Institutional balance

The current membership of the Core Interims Science Steering Group, as of this meeting (22 April 2013), is given in the BSSG 29 minutes.

Further candidates for the new steering group will be selected from the list of candidates which were suggested by BSSG members, and former members of the BALTEX WG on PostBALTEX. The resulting larger Interim Steering Group will be presented at the Öland Conference. After one year, the Interim Steering Group shall convert into the new Science Steering Group, including potential modifications in membership and/or terms of reference.

It was further suggested to install a “Senior Advisory Board”, with renowned senior scientists from the BALTEX community and beyond, to advise the Steering Group and to potentially provide support whenever necessary. Other large players in the Baltic Sea region should also be represented in this group (HELCOM, BONUS, ICES, etc.).

The programme will have a strong educational and outreach aspect. In particular, the organisation of summer schools on different topics shall be a regular activity. Dedicated Working Groups on the tentative scientific Grand Challenges which had been defined by the WG on PostBALTEX for the new programme (see www.baltic-earth/balticearth), as well as on Education, and on Outreach and Communication will be initiated.

At the Hamburg meeting, the new name was determined by vote, and also a new logo was drafted, which resembles the BALTEX logo to portray the BALTEX heritage, but also distinct enough to stand for the new beginning.

For a full documentation of the PostBALTEX process which led to the launch of the new programme Baltic Earth, refer to the meeting minutes of BSSG 27, 28 and 29 (available at www.baltex-research.eu/publications/ibsp.html), and the PostBALTEX meeting minutes 1-4 (available at www.baltic-earth.eu/balticearth/).

3. The 7th Study Conference on BALTEX

Organisational issues concerning the conference were discussed. The opening session on Monday morning is honoured by the visit of H.M. King Carl XVI Gustaf, King of Sweden, and 5 overview presentations will span the 20 years of BALTEX research (Anders Omstedt), the East-West aspect of BALTEX (Sirje Keevallik), the BACC project (Hans von Storch), the HELCOM perspective (Mikahil Durkin) and the prospects of the new BALTEX successor programme (Markus Meier). The scientific sessions are organized along the scientific BALTEX Phase II objectives: Improved understanding of energy and water cycles under changing conditions (Topic A), Analysis of climate variability and change, and provision of regional climate projections over the Baltic Sea basin during the 21st century (Topic B), Provision of improved tools for water management, with an emphasis on extreme hydrological events and long-term changes (Topic C), and Biogeochemical cycles in the Baltic Sea basin and transport processes within the regional Earth system under anthropogenic influence (Topic D). Furthermore, there were sessions on completed BONUS+ projects, and a special session on international cooperation and the future of the new programme. During this session, the new programme is outlined by Markus Meier, Anna Rutgersson and Marcus Reckermann, followed by a panel discussion. This session will be the first public presentation of the new programme and its prospects, and a vivid feedback from the community is expected.

Another highlight is the award ceremony for outstanding achievements in the 20 years of BALTEX. The name of awardees and photos of the ceremony are available through the conference aftermath page (www.baltex-research.eu/oland2013/aftermath.html). There, also a summary of the conference can be found as well as conference photos, presentations as pdfs and the conference abstract volume and the programme.

4. Status Report on BACC II

Marcus Reckermann gave a report on the status of BACC II. Essentially all chapters are now submitted in the revised version. Currently, revised chapters are checked for responses to reviewer's comments and for inconsistencies between chapters. This process will expand until late autumn before the editorial work can go to language polishing and formatting. It is expected that the book will be ready for print by the end of the year, or early 2014. In this respect it was mentioned that the new IPCC report (AR5) will be published on 29 March 2014, so it will be desirable to publish the BACC II book well before that date.

5. Wrap-up publications of BALTEX

Next to the BACC II book, which will be the prominent BALTEX Phase II publication, a number of BALTEX publications serve as "wrap-up" documents of BALTEX Phase II:

- BACC (Springer, 2008)
- Outreach booklet in German "Ostseeküste im Wandel", (HZG 2012)
- Bornholm Summer School book ("Climate impacts on the Baltic Sea: From Science to Policy", Springer, 2012)
- Summary article on BALTEX in ERL (BALTEX - an interdisciplinary research network for the Baltic Sea Region by M. Reckermann et al., 2011)
- Ambio Special Issue on ECOSUPPORT (2012)
- Further BONUS+ compilations and papers of Baltic-C and Amber
- Special Issues on BALTEX Study Conferences 2004, 2007, 2010, 2013

Furthermore, BALTEX assessments still in preparation include:

- BACC II
- "The Water and Energy Cycle in the Baltic Sea basin" (writing team led by Franz Berger),
- "The utility of Regional Climate Models" (writing team led by Markus Meier).
- "Scenario Simulations for the Baltic Sea 1960-2100" (writing team led by Markus Meier).

Especially the two latter assessments will be products of the Baltic Earth programme.

6. Two BALTEX-inherited Conferences in 2014

Two international conferences were initiated and planned during BALTEX Phase II and will be executed during Baltic Earth:

- *12-15 May 2014 in Szczecin, Poland: Climate Change - The environmental and socio-economic response in the Southern Baltic Region – II (SZC 2014).*
The conference will be organized jointly by the University of Szczecin (Andrzej Witkowski, Jan Harff) and the International BALTEX Secretariat. The first conference of this sort was in 2009 (www.baltex-research.eu/SZC2009). The Conference website is: www.baltex-research.eu/SZC2014.
Topics: Proxies and modeling of climate change: Past and future projections; Climate and coastal areas: Natural dynamics and socio-economic development, changing

Baltic Sea coasts and their sustainable protection; Adaption of energy politics to climate change

- *16-19 June 2014 in Lund, Sweden: 3rd Lund Regional-scale Climate Modelling Workshop. 21st Century Challenges in Regional Climate Modelling (RCM 2014).*
Organized by Lund University, SMHI, DMI, HZG (Markku Rummukainen, Lars Bärring, Burkhardt Rockel, Jens Hesselbjerg Christensen) together with the International BALTEX Secretariat. The 1st and 2nd conferences of this sort were in 2004 and 2009; website: www.baltex-research.eu/RCM2014.
Topics: Regional Climate and Earth System Models, Very-high-resolution RCMs, Challenges for RCM evaluation and application, RCM ensembles.

7. Finalization of the BALTEX Science Steering Group

Hans Jörg-Isemer gave a presentation on 20 years of International BALTEX Secretariat. He gave an overview of the activities, products and the personnel of the IBS, which was formed in April 1994 by the initiative of Ehrhard Raschke, with Hans-Jörg Isemer as secretary. Hans-Jörg has been the backbone of the Secretariat for the whole period except for a short period of two years.

The BSSG acknowledged the work of the Secretariat and thanked the host institute Helmholtz-Zentrum Geesthacht for providing this outstanding service to the BALTEX network.

In its 20 years of existence, 30 BSSG meetings were held, which averages to 1.5 meetings per year. These meeting minutes will be published as International BALTEX Secretariat Publication Series No. 54, which means that on average, 2.7 issues per year were published. This is a high standard, which the new programme will have to live up to.

As a resümee, Sirje Keevallik pointed out some striking similarities between the history of BALTEX and the history of the Universe: From the Big Bang and the condensation and dispersal of matter (birth of BALTEX and dispersed ideas on Meteorology, Hydrology and Oceanography) to the formation of atoms (data centres, field experiments, circulation models) to the current state of stars and galaxies (inclusion of biogeochemistry, climate change and social aspects). The final question remains: Will the BALTEX idea in the new form of Baltic Earth expand eternally, reach a stable state, or contract and end with a Big Crash?

Anders Omstedt, Hans von Storch, BALTEX Science Steering group co-chairs thanked all current and all former members of the BALTEX Steering Group and Working Groups as well as everybody involved in BALTEX research, for their efforts, which made the programme such a successful endeavour. The BSSG wishes the new programme good luck and success.

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
DMI	Danish Meteorological Institute
ECOSUPPORT	Advanced tool for scenarios of the Baltic Sea ECOsystem to SUPPORT decision making (a BONUS+ project)
ERL	Environmental Research Letters
HELCOM	Helsinki Commission for the protection of the Baltic Sea
HZG	Helmholtz-Zentrum Geesthacht
IPCC	Intergovernmental Panel for Climate Change
PostBALTEX	Interims acronym for the BALTEX successor programme
RCM	Regional Climate Model
SMHI	Swedish Meteorological and Hydrological Institute

Annex 1: BSSG #30 Meeting Agenda**30th BALTEX SSG Meeting****9 June 2013****Strand Hotell Borgholm
Öland, Sweden****PROVISIONAL AGENDA (as of 5 June 2013)**

This short BSSG meeting will be held prior to the 7th Study Conference on BALTEX on the island of Öland, Sweden, 10 – 14 June 2013. The meeting will be the final BALTEX Science Steering Group meeting. The new programme will be initiated at this Conference.

- 18:00** **Welcome by the Chairpersons**
Sirje Keevallik, Anders Omstedt, Hans von Storch
- TOP 1:** **Organisational issues**
- 1.1 Approval of the agenda
 - 1.2 Approval of the previous BALTEX SSG meeting minutes
 - 1.3 Review of previous BALTEX SSG meeting action items
- TOP 2:** **Report by Chairs and Secretariat on current BALTEX activities**
- 2.1 The 7th Study Conference
 - 2.2 Status Report on BACC II
 - 2.3 PostBALTEX – The launch of the new programme
 - 2.4 Two upcoming conferences in 2014 – Lund and Szczecin
- 19:00** **Break**
- TOP 3:** **"The International BALTEX Secretariat - 20 years of science support and management"** by Hans-Jörg Isemer
- TOP 4:** **Wrap-up activities of BALTEX Phase II**
- 4.1 Publications already available
 - 4.2 Publications in preparation
- TOP 5:** **Finalisation of the BALTEX Science Steering Group**
- TOP 6:** **Any other business**
- 20:00** **Closing of the meeting**

Annex 2: List of participants

Mikko Alestalo

Finnish Meteorological Institute, Helsinki, Finland

Ryhor Chekan

Ministry of Natural Resources and Environmental Protection of Belarus, Minsk, Belarus

Jüri Elken

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

Hans-Jörg Isemer

International BALTEX Secretariat at Helmholtz-Zentrum Geesthacht, Germany

Sven-Erik Gryning

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

Sirje Keevallik

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

Andreas Lehmann

Leibniz Institute for Marine Sciences, Kiel, Germany

Kai Myrberg

SYKE Finnish Environment Institute, Helsinki, Finland

Anders Omstedt

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

Janusz Pempkowiak

Institute of Oceanology, Polish Academy of Sciences, Sopot, Poland

Marcus Reckermann

International BALTEX Secretariat at Helmholtz-Zentrum Geesthacht, Germany

Bernd Schneider

Baltic Sea Research Institute Warnemünde, Germany

Benjamin Smith

Lund University, Geography and Ecosystems Analysis, Lund, Sweden

Martin Stendel

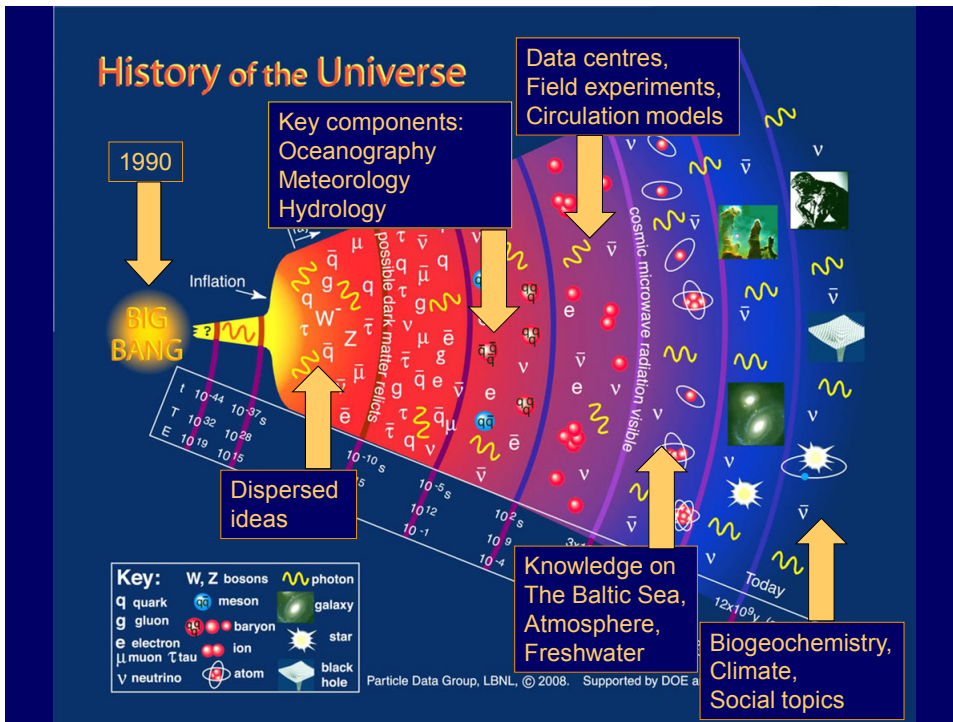
Danish Climate Centre, Danish Meteorological Institute

Hans von Storch

Helmholtz-Zentrum Geesthacht, Germany

Annex 3: BALTEX and the Universe (Sirje Keevallik)

Similarities between the history of the BALTEX and the UNIVERSE



The future of the Universe

- Eternal expanding
- Reaching a stable state
- Contracting and ending with the Big Crash

What about BALTEX?

Annex 4: 20 years of International BALTEX Secretariat (Hans-Jörg Isemer)

Last BSSG meeting

20 years International BALTEX Secretariat

Hans-Jörg Isemer, European Projects Department at HZG

09 06 2013, Borgholm, Sweden



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

HZG, Building 27, Rooms 241 - 243

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**Helmholtz-Zentrum
Geesthacht**
 Zentrum für Material- und Küstenforschung

The *International BALTEX Secretariat*
 was officially established on
1 April 1994

Initiative by *Ehrhard Raschke*

Co-financed by *BMBF and HZG (GKSS)*

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H.-J. Isemer, HZG-SE, Isemer@hazg.de, Borgholm, 09/05/13

IBS Staff 1994-2013


**Helmholtz-Zentrum
Geesthacht**
 Zentrum für Material- und Küstenforschung

Wiebke Jansen	1994-1999
Sabine Hartmann	1999-2000
Silke Köppen	2000-2013
Kheira Dashti-Hashtjin	2008-2009
Rüdiger Brandt	1995-1998
Cord Ruhe	1995-1998
Jens Meywerk	1999-2001
Sigrid Meyer	2002-2005
Hans-Jörg Isemer	1994-1999, 2001-2013
Marcus Reckermann	2005-2013



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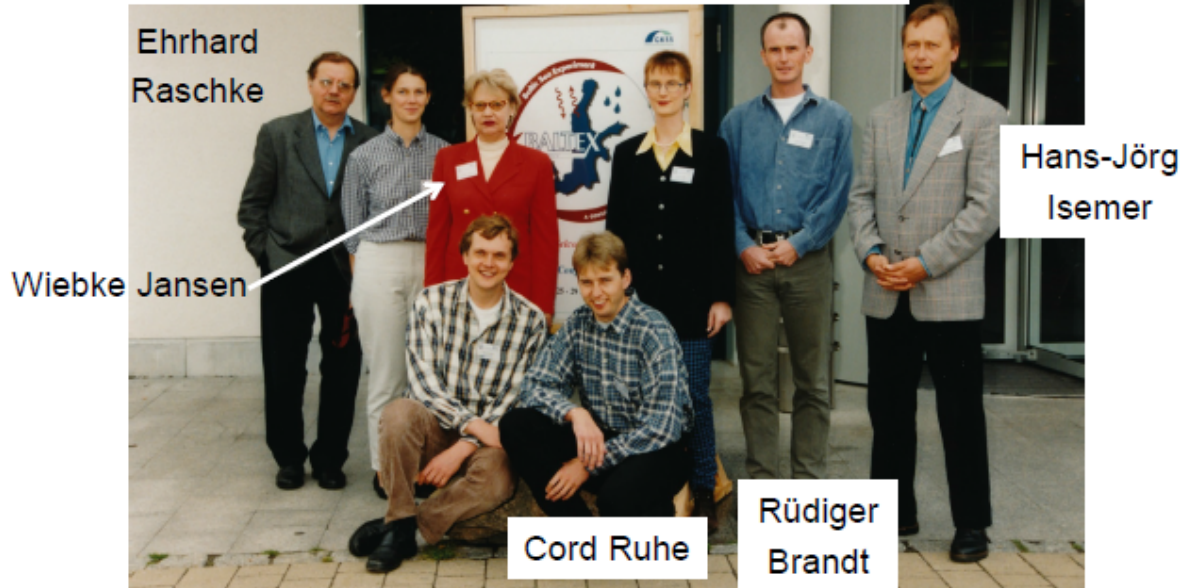
H.-J. Isemer, HZG-SE, Isemer@hazg.de, Borgholm, 09/05/13

IBS Staff 1994-1999



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

2nd BALTEX Conference, Rügen, Germany, 1998



H.-J. Isemer, HZG-SE, Isemer@hzg.de, Borgholm, 09/05/13

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IBS Staff 1999-2001



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung



3rd BALTEX Conference, Åland, Finland, 2001

H.-J. Isemer, HZG-SE, Isemer@hzg.de, Borgholm, 09/05/13

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IBS Staff 2002-2005



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung



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H.-J. Isemer, HZG-SE, Isemer@haz.de, Borgholm, 09/05/13

IBS Staff 2005-2013



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

6th BALTEX Conference, Wolin, Poland, 2010



**Marcus
Reckermann**

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H.-J. Isemer, HZG-SE, Isemer@haz.de, Borgholm, 09/05/13

IBS Staff 1994-2013




**Helmholtz-Zentrum
Geesthacht**
 Zentrum für Material- und Küstenforschung

Wiebke Jansen	1994-1999
<u>Sabine Hartmann</u>	<u>1999-2000</u>
Silke Köppen	2000-2013
<u>Kheira Dashti-Hashtjin</u>	<u>2008-2009</u>
Rüdiger Brandt	1995-1998
Cord Ruhe	1995-1998
Jens Meywerk	1999-2001
Sigrid Meyer	2002-2005
Hans-Jörg Isemer	1994-1999, 2001-2013
Marcus Reckermann	2005-2013

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H.-J. Isemer, HZG-SE, Isemer@hzg.de, Borgholm, 09/06/13

Some Deliverables




**Helmholtz-Zentrum
Geesthacht**
 Zentrum für Material- und Küstenforschung

IBS Report Series (ISSN 1681-6471) > 50 issues

(Conference Volumes, Science/Implementation Plans, Project and Workshop Reports, 29 SSG meeting minutes)

Comprehensive Programme Development Documentation

BALTEX Newsletter www.baltex-research.eu

BALTEX Publication Library and Compilation

~ 40 publications of IBS staff (author/co-author/editor ..)

> 7 Major Conferences plus numerous workshops

Editor to Special Issues Publication

11

H.-J. Isemer, HZG-SE, Isemer@hzg.de, Borgholm, 09/06/13



*The International BALTEX Secretariat
has been a comprehensive
science support and management function
during the past almost 20 years.*

20 Years of BALTEX: Changes ...



1994



2013



Thank you (1)



Helmholtz-Zentrum
Geesthacht
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On behalf of all past and present staff members I like to cordially **thank** the BALTEX community, the BSSG, friends and colleagues within BALTEX and other programs, which the IBS has been in contact with for all **support and trust** we have enjoyed and benefitted from.

Thank you (2)



Helmholtz-Zentrum
Geesthacht
Zentrum für Material- und Küstenforschung

We also appreciate the year-long financial support of both the German Federal Ministry of Education and Research (BMBF) during 1994 to 2002 and the Helmholtz-Zentrum Geesthacht (HZG) during 1994 to 2013.

Thank you (3)



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

In person, it is my wish to thank all IBS staff members for their continuous outstanding engagement. It has been an honour and inspiration for me to working with you all during the recent years for such an exciting research program.

The Future



**Helmholtz-Zentrum
Geesthacht**
Zentrum für Material- und Küstenforschung

The International BALTEX Secretariat will continue to act as the management and coordination function for the new programme, possibly under a new name, and it will continue to be located at the Helmholtz-Zentrum Geesthacht in Germany.

International BALTEX Secretariat Publication Series

ISSN 1681-6471

- 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.
- No. 55:** Minutes of 30th Meeting of the BALTEX Science Steering Group held in conjunction with the Seventh Study Conference on BALTEX, Borgholm, Öland, Sweden. Strand Hotell Borgholm, 9 June 2013. August 2013.

Copies are available upon request from the International BALTEX Secretariat.