



North Sea Region Climate Assessment (NOSCCA)

Joint 1st Lead Author - 2nd Scientific Steering Committee Meeting

4 and 5 October 2011

Royal Netherlands Academy of Arts and Sciences – KNAW

Oude Vergaderzaal, Kloveniersburgwal 29, 1011 JV, Amsterdam

Phone +31-20-5510700 Url: <http://www.knaw.nl>

Agenda

Tuesday, 4 October 2011

Chairperson: Franciscus Colijn

Start at 09:00 Welcome by organizers, brief introduction of KNAW and TrippenHuis

(Hein de Baar, member KNAW)

09:10 Welcome to the Meeting (Franciscus Colijn): Why a joint Lead Authors / Scientific Steering Committee meeting

Agenda and organisational issues (Markus Quante)

09:25 Tour de table – short self-introduction of participants

09:40 **Invited keynotes (25 minutes each plus 5 minutes discussion)**

09:40 Communicating climate change.

Hans von Storch, *Helmholtz-Zentrum Geesthacht, Germany*

10:10 The North Sea System – overview / state of knowledge.

Herman Ridderinkhof, *NIOZ and Utrecht University, The Netherlands*

10:40 – 11:00 *coffee break*

11:00 Plankton-climate interactions in the Northeast Atlantic Ocean and the North Sea.
Peter Burkill, *Sir Alister Hardy Foundation for Ocean Sciences, Plymouth, UK*

11:30 Current observations in the North Sea related to climate change.

Franciscus Colijn, *Helmholtz-Zentrum Geesthacht, Germany*

12:00 North Sea carbon cycle, chemical changes due to CO₂ uptake from the atmosphere
Lesley Salt and Hein de Baar, *NIOZ and Groningen University, The Netherlands*

12:30 – 13:30 *lunch break*

13:30 Overview of “Baltic Basin Climate Change Assessment”
- experiences and summary of results Marcus Reckermann, *BALTEX Secretariat*

14:00 NOSCCA Principles Franciscus Colijn, *Büsum*

14:20 Organising the NOSCCA process Markus Quante, *Geesthacht*
(tasks, region, time line, coordination, web, file and information exchange)

Chairperson: Hein de Baar

14:40 **Scientific content of the assessment, part I (atmos., sea, hydrology, vegetation)**

Chapter Lead Authors introduce their views on the scientific content and structure (for each subchapter 15 minutes plus 5 minutes discussion)

14:40 Introduction to the assessment – Characteristics of the region
Franciscus Colijn, *Büsum*; Markus Quante, *Geesthacht*

Lead Authors chapter 2 - Past and current climate change

14:50 2.a Past and current climate changes in the atmosphere
Rob Allen, *Exeter*; Martin Stendel, *Copenhagen*

15:10 2.b Past and current climate changes in the North Sea
John Huthnance, *Liverpool*; Ralf Weisse, *Geesthacht*

15:30 – 15:50 *tea break*

15:20 2.c Past and current climate changes in hydrology and vegetation
Jan Bakker, *Groningen*; Lars Kutzbach, *Hamburg*

Lead Authors chapter 3 - Climate change projections

16:10 3a Projected changes for the atmosphere
Jan Eric Haugen, *Oslo*; Wilhelm May *Copenhagen*

16:30 3.b Projected changes for the North Sea
Jason Lowe, *Reading*; Markus Meier, *Norköping*; Corinna Schrum; *Bergen*

16:50 3.c Projected changes for in hydrology and vegetation
Thomas Hickler, *Frankfurt*; Patrick Willems, *Leuven*

17:10 Discussion of chapter contents (all)

18:00 End day 1

19:30 Joint dinner at Indonesian Restaurant "Kantjil and the Tiger"

Wednesday, 5 October 2011

Chairperson: Hans von Storch

09:00 **Invited keynotes (25 minutes plus 5 minutes discussion)**

09:00 Fisheries and climate change – the issues
John Pinnegar, *CEFAS, Lowestoft, UK*

09:30 Climate Change and Tourism
Bas Amelung, *Wageningen University, NL*

10:00 **Scientific content of the assessment, part II (ecosystems, socio-economic sectors)**

Lead Authors C. 4 - Ecosystems Impacts of Current and Future Climate Change

10:00 4.a Climate related changes in marine ecosystem
Keith Brander, *Charlottenlund*; Hein Rune Skjoldal, *Bergen*

10:20 4.b Climate related changes in freshwater ecosystem
Rita Adrian, *Berlin*; Dag Olaf Hessen, *Oslo*

10:40 4.c Climate related changes in terrestrial ecosystems
Norbert Hölzel, *Münster*; Patrick Meire, *Antwerp*

11:00 – 11:20 *coffee break*

Lead Authors chapter 5 - Climate impacts on socio-economy

11:20 5a Fisheries John Pinnegar, *Lowestoft*

11:40 5b Coastal Zone Management Loraine McFadden, *London*

12:00 5c Urban Climate Heinke Schlünzen, *Hamburg (introduced by MQ)*

12:20 5d Recreation Bas Amelung, *Wageningen*

12:40 – 13:20 *lunch*

Chairperson: Markus Quante

13:20 Lead Authors chapter 5 - Climate impacts on socio-economy, continued

13:20 5e Coastal Defence Hanz Niemeyer, *Norderney*

13:40 5f Offshore Activities/Energy Kirsten Halsnæs, *Roskilde*

14:00 5g Air Quality Stig B. Dalsøren, *Oslo*

14:20 **Discussion of chapter contents, incl. needs for annexes, data sets (all)**

15:15-15:40 *tea break*

15:40 **Revisiting the time line of NOSCCA**

16:30 **General discussion, miscellaneous, next meeting, wrap-up**

17:00 End of the meeting – adjourn