

1st BACC II Lead Author Team Meeting

Wallenberg Conference Centre, Gothenburg, Sweden
23 and 24 November 2010

This first BACC II Lead Author Team Meeting has the important goal to give the BACC II Lead Authors a background on the BACC process and the main scientific statements, and to allow the Authors a cross-discipline discussion of chapter contents. The main outcome of this meeting should be a clarification and mutual understanding and agreement of chapter contents to avoid overlaps and warrant a consistent and coordinated book structure.

Tuesday, 23 November 2010

Chairperson: Anders Omstedt

- 13:00 Welcome by Prof. Åke Hagström
(Head of Swedish Institute for the Marine Environment)
- 13:10 Self-introduction of participants (up to 1min each)
- 13:30 Overview over the BACC project and summary of the BACC book
(Anders Omstedt)
- 14:00 BACC principles (Hans von Storch)
- 14:30 Experiences of former BACC Lead Authors
(Graham/Smith/Vuglinsky/Vuorinen)
- 15:00 *Health break*
- 15:30 Organising the BACC process (Isemer/Reckermann)
- 16:00 BACC II Lead Author's views and visions on chapter contents
See list of chapters and lead authors below (ca. 5min each)
- 18:00 End of day 1
- 19:30 *Joint BACC II dinner in the Ågrenska Villan*

Wednesday, 24 November 2010

Chairperson: Hans von Storch

- 9:00 SurBACC2010 – An evaluation of the BACC book (Dennis Bray)
- 9:10 Discussion of chapter contents
- 10:00 Health break*
- 10:30 Discussion of chapter contents
- 11:30 Wrap-up, milestones and outlook (next meeting)
- 12:00 End of the meeting

BACC II Book structure and Lead Authors (as of 19 November 2010)**1. Introduction and summary** *Hans von Storch and Anders Omstedt***2. Past climate variability**

- 2.a The Holocene (10.000 yr) *Irina Borsenkova*
- 2.b The historical time frame (1000 yr) *Tadeusz Niedzwiedz*

3. Recent (mainly 200 years) and current climate change

- 3.a Atmosphere
 - i. Atmospheric physics *Anna Rutgersson*
 - ii. Atmospheric Chemistry *David Simpson*
- 3.b Baltic Sea
 - i. Marine physics *Jüri Elken*
 - ii. Marine biogeochemistry *Bernd Schneider*
 - iii. Sea Ice *Jari Haapala*
 - iv. Sea Level *Birgit Hünnicke*
- 3.c Land
 - i. Hydrology *Jukka Käyhkö*
 - ii. Terrestrial Cryosphere *Sirpa Rasmus*
 - iii. Vegetation, soil and freshwater biogeochemistry *Christoph Humborg*

4. Future climate change

- 4a. Skill of methods for describing regional climate futures *Joanna Wibig*
- 4b. Projections of future climate change *Ole B. Christensen*

5. Impacts of current and future climate change

- 5a. Climate-related terrestrial ecosystem change *Pekka Niemelä*
- 5b. Climate-related marine ecosystem change *Markku Viitasalo*
- 5c. Socio-economic impacts (agricultural practices, fisheries, aquaculture, land use...) *Michael Köhl*
- 5d. Urban complexes *Sonia Deppisch*

6. Attributing causes of regional climate change

- 6a. Global warming *Jonas Bhend*
- 6b. Aerosols (natural and pollutants) *NN*
- 6c. Land use and resource management *Anna Wramneby*

Annexes

- Empirical evidence for consensus and dissent among regional climate researchers *Dennis Bray*