

SurBACC 2010
An Evaluation of the
BALTEX Assessment of Climate
Change for the Baltic Sea Basin

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BALTEX mailing list - 706 people

Responses - 134

Aware of BACC Report – 78

Contributing authors - 26

Purpose

Assess the perspectives of the science community concerning climate change science in the Baltic Sea Basin

Assess the satisfaction with the BACC Report

Did the BACC Report tend to under estimate, accurately reflect or over estimate the magnitude of future changes to :

atmospheric circulation

surface air temperature

precipitation

clouds

extreme events

water regime

ice regime

hydrography

snow cover

sea level change

sea ice

coastal erosion

wind waves

fresh water eco-systems

marine eco-systems

Under estimation

atmospheric circulation

clouds

marine eco systems

fresh water eco -systems

Concerning projections, authors felt that
projections of future

climate variability in eco systems

extreme events

sea level change

marine eco-systems

coastal erosion

All slightly under estimated

Comments

Need for increased content on sea level

Need for increased content on marine eco – systems

Need for increased discussion concerning methods

Need to address uncertainty