

Time 13:00–16:00, December 16, 2019
Place Room Tarfala, Level 4 in the T-corridor, Geoscience building, Stockholm University

Attending board members *Cynthia de Wit, Chair*
Sara Broomé, Student representative, Stockholm University
Rodrigo Caballero, Dep. of Meteorology, Stockholm University
Gia Destouni, Dep. of Physical Geography, Stockholm University
Magnus Mörth, Dep. of Geological Sciences, Stockholm University
Erik Kjellström, Rossby Centre, Swedish Meteorological & Hydrological Institute
Ove Eriksson, Dep. of Ecology, Environment and Plant Sciences, SU
Dan Henningson, KTH Royal Institute of Technology

Other participants *Nina Kirchner, Co-Director of the Bolin Centre*
Alasdair Skelton, Co-Director of the Bolin Centre
Annika Granebeck, Bolin Centre Coordinator & Communicator

Absent *Johannes Morfeldt, Swedish Environmental Protection Agency (SEPA/Johannes*
Magnus Breitholtz, Dep. of Environmental Science and Analytical Chemistry, SU
Bengt Karlsson, Dep. of Zoology, Stockholm University

Secretary *Annika Granebeck*

§ 1	Meeting opens
§ 2	Appointment of protocol writer Annika Granebeck was appointed.
§ 3	Appointment of protocol checker Dan Henningson was appointed.
§ 4	Approval of the agenda Item 7 and item 9 were swapped, the agenda was then approved.
§ 5	Protocol from the previous board meeting (Appendix 1) There were no comments on the protocol.
§ 6	Protocols from meetings of the Science Advisory Group, SAG and Climate Research School's, CRS Advisory Group (Appendix 2a, 2b) Alasdair Skelton gave an update about Thriving Earth exchange, which was mentioned in the SAG protocol. The Bolin Centre has initiated a discussion with SU:s External Relations and Communications Office and AGU about the needed manpower for coordination of the Thriving Earth exchange initiative.

	There were no comments on the CRS Advisory Group protocol.
§ 7	<p>Decision: Study coordinator position for the Climate Research School, CRS (Appendix 3)</p> <p>The position has been advertised internally at SU and two applications were received. The applicants are Otto Hermelin and Carmen Prieto. Both were interviewed by representatives from the Climate Research School's Advisory Group. They recommend that the position be shared by the two applicants, i.e. Otto Hermelin is offered 30 % and Carmen Prieto 20 % of the position. This is recommended for a two-year period, starting January 1, 2020.</p> <p>The board decided to accept the recommendation with an evaluation to be carried out at the end of the two-year period. The board also invited Otto Hermelin and Carmen Prieto to the next board meeting to give a brief overview of their vision for the CRS.</p>
§ 8	<p>Decision: Nomination of new External Scientific Advisory Group members, ESAG (Appendix 4)</p> <p>The current ESAG's mandate period ends 31/12-2019. Karen Kohfeldt and Camille Parmesan are eligible for a second mandate period and have accepted to continue. During the fall, 22 suggestions for possible new ESAG members were received from the RA-leaders. Nina Kirchner and Alasdair Skelton shortlisted the suggestions, with a focus on finding complementary competences. They suggest that we approach the following with an invitation to the Bolin Centre ESAG:</p> <ul style="list-style-type: none"> • Le Quéré, Corinne, https://www.tyndall.ac.uk/people/corinne-le-qu%C3%A9r%C3%A9 • Lohmann, Ulrike, U Zuerich, https://iac.ethz.ch/group/atmospheric-physics.html • Raymo, Maureen, https://www.ldeo.columbia.edu/user/raymo • Rysgaard, Soren, Greenland Climate Research Centre, https://gcrcl.org/employees/soeren-rysgaard • Veerabhadran, Ramanathan, https://scripps.ucsd.edu/labs/ramanathan/aboutcurriculum-vitae <p>The directors were asked by the board to offer the nominees a seat on the ESAG. If one or more decline the invitation, the directors go back to the list and email out suggested new names to the board for approval.</p>
§ 9	<p>Science & inspiration item</p> <p>Alasdair Skelton introduced the theory of Snowball Earth, which is suggested to have occurred on Earth 658-718 million years ago, i.e. lasting for 60 million years. Part of this hypothesis is that Snowball Earth was followed by an extreme greenhouse. Mountain building and extensive volcanism may have been important triggers of Snowball Earth to be formed. Alasdair showed rocks that supports the hypothesis of a global glaciation and also showed photos of field work sites that show traces of this, as well as traces from a possible extreme greenhouse.</p>
§ 10	<p>Discussion: Bolin Centre budget for 2020 (Appendix 5)</p> <p>The directors propose the following changes from 2019:</p>

	<ol style="list-style-type: none"> 1. The 50% salary funding for the Director of Studies for the Climate Research is divided between 2 persons: Otto Hermelin, IGV – 30% and Carmen Prieto, NG – 20%. The effect of this change on the total budget is negligible. 2. The 10% salary for economy administration at IGV is transferred from Applee Akter to Schauki Karim because Applee Akter no longer works at IGV. This increases the total budget slightly because Karim’s salary is higher but unavoidable. 3. Following on from the preliminary Board decision on September 9, 2019, it is proposed to include 10% salary for Agatha de Boer to work as Director of Studies for the Climate Science MSc program. This increases the total budget by 110 tkr. 4. Following on from the preliminary Board decision on November 22, 2019, it is proposed to include a one-off cost of 100 tkr. for the purpose of setting up a Swedish Climate Symposium in 2021. This increases the total budget by 100 tkr. 5. The cost of premises at IGV are slightly higher due to a change of rooms for the Bolin Centre communication/coordination team. 6. Salaries are updated from 2019. <p>The board discussed the adjustments and new items listed above. No objections were raised, including adding the new items (3, 4) in the budget for 2020, and a formal decision will be taken on a coming board meeting when the annual financial statement for 2019 is completed.</p> <p>Dates for a possible Bolin Centre retreat, to handle strategic issues due to coming changes in future budgets, was discussed. We will revisit this discussion at the next board meeting.</p>
§11	<p>Discussion: Collaboration agreement between Stockholm University and Stockholm City and Stockholm City’s new climate action plan</p> <p>SU and Stockholm City have signed an agreement for increased collaboration around the issues of climate, environment and social sustainability. Cynthia de Wit is part of a strategic group at SU tasked with finding possible collaboration projects between SU and Stockholm City concerning climate and environmental issues. One suggestion is to find long-term joint research projects in collaboration with Stockholm City. A workshop will be planned early in 2020 between SU climate scientists and Stockholm City representatives to meet and brainstorm around possible ideas for collaborations. The board is asked to think of colleagues that could be interested in this initiative, and also other possible suggestions for collaboration such as climate courses, workshops, school initiatives etc. For example, Stockholm City is interested in participating in and possibly sponsoring the Climate Festival this spring.</p>
§12	<p>Information</p> <p>a) New communicator at the Bolin Centre</p> <p>Joel Bengtson has been offered the position as communicator and has accepted. He will start his position on January 7, 2020.</p>

§ 16	Other business We need to move the Bolin Days 2020 since they collide with COP26. The Directorate suggests that the Bolin Days are moved to 25-26/11, 2020 with a following board meeting on 27/11.
§ 17	Next meetings <ul style="list-style-type: none">• 28/1 9-12, Tarfala meeting room (T433)• 13/3 9-12, Tarfala meeting room (T433)• 20/5 OBS! Time has been changed to 13-16, Tarfala meeting room (T433)

Annika Granebeck
Secretary

Dan Henningson
Attester

Cynthia de Wit
Chair of the Board