

Time 13:00–16:00, 23 November 2018
Place Tarfala room (T433), Geoscience Building, Stockholm University

Attending board members *Cynthia de Wit, Chair*
Viktoria Arwinge, Rep. Dep. of Geological Sciences, Stockholm University
Magnus Breitholtz, Dep. of Environmental Science and Analytical Chemistry, SU
Rodrigo Caballero, Dep. of Meteorology, Stockholm University
Ove Eriksson, Dep. of Ecology, Environment and Plant Sciences, SU
Caroline Greiser, Student representative, Stockholm University
Dan Henningson, KTH Royal Institute of Technology
Bengt Karlsson, Dep. of Zoology, Stockholm University
Erik Kjellström, Rosaby Centre, Swe. Meteorological & Hydrological Inst, from §6
Gia Destouni, Dep. of Physical Geography, Stockholm University

Other participants *Deliang Chen, External Science Advisory Board, until §6*
Eystein Jansen, External Science Advisory Board, until §6
Karen Kohfeld, External Science Advisory Board, until §6
Raymond Pierrehumbert, External Science Advisory Board, until §6
Nina Kirchner, Co-Director of the Bolin Centre, from item 7
Alasdair Skelton, Co-Director of the Bolin Centre
Annika Burström, Bolin Centre Coordinator & Communicator
Karin Jonsell, Bolin Centre Coordinator & Communicator

Absent *Johannes Morfeldt, Swedish Environmental Protection Agency*

Secretary *Karin Jonsell*

§ 1	Meeting opens The Chair welcomed everyone.
§ 2	Appointment of protocol writer Karin Jonsell was appointed as protocol writer.
§ 3	Appointment of protocol checker Rodrigo Caballero was appointed as attester.
§ 4	Approval of the agenda The agenda was approved.
§ 5	Protocol from the previous meeting The protocol from the previous meeting (Appendix 1) was approved.
§ 6	Report from the External Science Advisory Group The Bolin Centre External Science Advisory Group (ESAG) was represented by Deliang Chen, Eystein Jansen, Karen Kohfeld and Raymond Pierrehumbert.

	<p>The ESAG had a very good impression of the Bolin Centre and the Bolin Days. The new structure for the internal conference worked well and the talks were good.</p> <p>Some suggestions:</p> <ul style="list-style-type: none"> • The ESAG strongly recommend the Bolin Centre to revisit its strategic mission to guide future funding choices. They recommend to work to keep the core areas of the Bolin Centre, but not exclude funding strategies which include e.g. innovation. • The ESAG recommend strengthening the Climate Arena initiative. • The ESAG recommend the Bolin Centre to work to have a larger international visibility and engage in international activities such as future IPCC reports. • The ESAG would like to see even more integration within the Bolin Centre in the future, especially regarding to SMHI and Research areas 7 and 8. • The ESAG encourage a future collaboration with MERGE in Lund. • The ESAG request a report on the progress of each research area in advance of their visit to the Bolin Centre next year. This could include a list of new projects, and a bibliometric analysis. • The ESAG would like to be able to meet the Bolin Centre PhD students during the next Bolin Days. • The ESAG was pleased to see the modelling coordination presented, and suggest to strengthen it and make it more visible within the Bolin Centre. • The ESAG encourage to include large scale system dynamics in the subject areas at the next Bolin Days. • The ESAG would like to see how the Bolin Centre is linked with the rest of Stockholm University such as the Resilience Centre, Social Science and Economics. • The ESAG suggest recommending clearer instructions and feedback to future speakers to ensure that talks are pitched at the right level for a broad academic audience.
§ 7	<p>The Bolin Centre Vinnova competence centre application</p> <p>The Vinnova funding agency has a call out for a competence center, see https://www.vinnova.se/en/e/kompetenscentrum/kompetenscentrum-2020 with deadline 2019-01-20. Vinnova will fund 6 projects 2020–2025 and, after an evaluation process, 4 of them for another five years, i.e. 2020–2030.</p> <ul style="list-style-type: none"> • The Directors requested permission from the Bolin Centre Board to continue working on an application about environmental foot printing together with the Swedish Environmental Protection Agency, IVL, Swedish Life Cycle Center and SMHI. The application requires 1/3 co-funding from the academic partners which for SU would include in kind participation of the Bolin Centre. The Board gave its preliminary support to the Directors to continue with the application.
§ 8	<p>Bert Bolin Climate Lecturer 2019</p> <ul style="list-style-type: none"> • The Bolin Centre Board supports the Directors’ suggestion to recommend to the Dean to invite Professor Maureen E. Raymo of Lamont-Doherty Earth Observatory, Colombia University, as the Bert Bolin Climate Lecturer 2019. • The Board also supports the Directorate’s suggestion that in case the Lecturer is unable to visit the Bolin Centre in connection with the Bolin Centre Climate Festival in May, the Lecturer is asked to give the Lecture in connection with the Bolin Days in November.
§ 9	<p>Discussion on draft implementation plan for the Bert Bolin Climate Lectures</p> <p>The revised implementation plan for the Bert Bolin Climate Lecture was presented(Appendix 2). The main change is to start the nomination process earlier to give the Science Advisory Group and</p>

	<p>the Board time to give feedback. Another change is that in the case where there are few nominees, candidates from previous three years can be considered.</p> <ul style="list-style-type: none"> The Board will make a decision on this item at the next meeting.
§ 10	<p>Nomination of experts to the Linnaeus evaluation at the Swedish Research Council</p> <p>The Bolin Centre will be evaluated after the Linnaeus grant in January 2020. The Swedish Research Council invites names of 2 generalist evaluators and 4 experts in specific fields. The Directorate has compiled a list (Appendix 3 a), but the Board was asked for further suggestions.</p> <p>The Swedish Research Council also requests selected publications from the list of all publications the Bolin Centre has produced between 2006 and 2016, and a draft selection was presented (Appendix 3 b). The Board was asked for further suggestions.</p> <ul style="list-style-type: none"> The Board expressed its confidence in the selection of publications to present to the Swedish Research Council. The Board will come back with suggestions of experts to Nina Kirchner at the latest by 29 November.
§ 11	<p>Discussion on long term storage of large data sets</p> <p>The Bolin Centre has agreed to store large amounts of data for some researchers. The cost of this is fairly small, but over the years it will add up. Because a centre is per definition not permanent and data storage must be permanent, a long term solution is needed.</p> <ul style="list-style-type: none"> The Board asked the Chair to contact the appropriate level of Stockholm University, in light of the university's current work on Open Science, to clarify who will cover the cost of long time storage of large amounts of data in the long term.
§ 12	<p>The Bolin Centre GDPR policy</p> <p>The suggested Bolin Centre GDPR policy was presented (Appendix 4).</p> <ul style="list-style-type: none"> The Board approved the Bolin Centre GDPR policy as written in Appendix 4.
§ 13	<p>Information</p> <p>a) <i>Nina Kirchner and Alasdair Skelton appointed Co-Directors for 2019-2021</i> Nina Kirchner and Alasdair Skelton have been appointed Co-Directors for the Bolin Centre by the Vice-Chancellor, with Nina Kirchner as Director and Alasdair Skelton as Vice-Director for the period of 2019–2021.</p> <p>b) <i>Arvid Bring will step down as Co-leader</i> Arvid Bring will step down as Co-leader for Research Area 3 as he will start a new position at FORMAS in March 2019.</p> <p>c) <i>The Linnaeus centra evaluation process at the Swedish Research Council (VR)</i> This was discussed under § 10.</p> <p>d) <i>The Vinnova Call for innovations</i> The Bolin Centre application for the Vinnova call <i>Innovationer för ett hållbart samhälle – 2018</i> with the title “Innovation for Environment Footprinting” was not approved for funding.</p>

	<p>e) <i>Volvo Environmental Prize</i> The Bolin Centre has received an invitation to nominate a candidate to the Volvo Environmental Prize with deadline 2019-01-10, see http://environment-prize.com/the-prize/nominate.</p>
§ 14	<p>Other business: There was no other business.</p>
§ 15	<p>Next meetings The next Board meeting will be 9–13 on 20 December in the Tarfala room (T433) in the Geoscience Building at Stockholm University.</p>

Karin Jonsell
Secretary

Rodrigo Caballero
Attester

Cynthia de Wit
Chair of the Board



Board Meeting
Protocol
2018-10-18

Bolin Centre
for Climate Research

Time 9:00–10:00, 18 October 2018
Place Tarfala room (T433), Geoscience Building, Stockholm University

Attending board members *Cynthia de Wit, Chair*
Magnus Breitholtz, Dep. of Environmental Science and Analytical Chemistry, St. Uni.
Rodrigo Caballero, Dep. of Meteorology, Stockholm University
Ove Eriksson, Dep. of Ecology, Environment and Plant Sciences, St. Uni.
Caroline Greiser, Student representative, Stockholm University
Dan Henningson, KTH Royal Institute of Technology
Bengt Karlsson, Dep. of Zoology, Stockholm University
Erik Kjellström, Rossby Centre, Swe. Meteorological & Hydrological Inst, from §6
Gia Destouni, Dep. of Physical Geography, Stockholm University
Carl-Magnus Mörth, Dep. of Geological Sciences, Stockholm University
Johannes Morfeldt, Swedish Environmental Protection Agency

Other participants *Nina Kirchner, Co-Director of the Bolin Centre*
Annika Burström, Coordinator & Communicator of the Bolin Centre
Karin Jonsell, Bolin Centre Coordinator & Communicator

Absent *Alasdair Skelton, Co-Director of the Bolin Centre*

Secretary *Karin Jonsell*

§ 1	Meeting opens The Chair welcomed everyone.
§ 2	Appointment of protocol writer Karin Jonsell was appointed as protocol writer.
§ 3	Appointment of protocol checker Caroline Greiser was appointed as attester.
§ 4	Approval of the agenda The agenda for this meeting was approved with an addition of: § 7 j) Invitation to lunch with the ESAG. § 8 a) Other business: Discussion of the ESAG report § 8 b) Other business: Arne Johansson, KTH Royal Institute of Technology will step down as substitute for Dan Henningson
§ 5	Protocol from the previous meeting (Appendix 1) The protocol from the previous meeting was approved.
§ 6	Discussion about developing a future strategy for the Climate Research School The Board discussed the need for a future strategy for the Climate Research School, CRS.

	<ul style="list-style-type: none"> • The Board assigned the task to evaluate the current status of the CRS and how it is perceived by PhD students, director of studies at different departments, etc to the Directorate. The report should be delivered in May 2019. • The Board tasked the Directorate to draft a strategy for the CRS, together with Viktoria Arwinge, Head of Economy and Personnel at the Dept. of Geological Sciences. The draft should be delivered in May 2019, or soon thereafter. • Based on the above mentioned report and draft, the Board will discuss the future strategy for the CRS at their meeting in May/June 2019.
§ 7	<p>Information</p> <p>a) <i>We welcome Johannes Morfeldt back to the Bolin Centre Board</i> Johannes Morfeldt, representative on the Bolin Centre Board for the Swedish Environmental Protection Agency, was welcomed back.</p> <p>b) <i>Fernando Jaramillo is appointed as new Research Area 3 Co-leader and Frederik Schenk is appointed as new Research Area 5 Co-leader</i> Nina Kirchner announced the selection of Fernando Jaramillo from the Dept. of Physical Geography, Stockholm University was appointed as new Co-leader for Research Area 3, and that Frederik Schenk from the Dept. of Geological Sciences, Stockholm University, was appointed as new Co-leader for Research Area 5.</p> <p>c) <i>Bolin Centre's new by-laws</i> Stockholm University is in the process transferring by-laws for all university centre's into a common template. The by-laws of the Bolin Centre are in final form but the Vice-Chancellor has not yet formally approved them.</p> <p>d) <i>Vinnova application</i> The Bolin Centre has sent in an application for the Vinnova call <i>Innovationer för ett hållbart samhälle – 2018</i>, see Appendix 2. The project title for the application is “Innovation for Environmental Footprinting”. The application was submitted on 2 October and a decision from Vinnova will be announced on 15 November.</p> <p>e) <i>General programme for the Bolin Days</i> The general programme for the Bolin Days 21–22 November 2018 can be seen in Appendix 3. Four overarching topics were chosen by the SAG and a call has been issued to all members to submit titles for talks to the session chairs. The Board members are invited to register for the event, see https://bolin.su.se/index.php/bolin-days.</p> <p>f) <i>Bolin Centre participation at the AGU conference at Stockholm University</i> The American Geophysical Union plans a conference at Stockholm University 18–21 March 2019, called the <i>Geoscience and Society Summit</i>. The Bolin Centre will sponsor this conference with outbreak rooms etc. The form of Bolin Centre participation in the conference is still under discussion.</p> <p>g) <i>Division of responsibilities between the Faculty and the Bolin Centre regarding the Bert Bolin Climate Lecture.</i> The Faculty of Science has agreed to the proposal by the Bolin Centre Board to divide the responsibilities for the Bert Bolin Climate Lecture according to §8 in the Bolin Centre Board meeting protocol from 2018-08-22.</p> <p>h) <i>Number of nominations for the Bert Bolin Climate Lecturer 2019</i> The number of nominations for the Bert Bolin Climate Lecture 2019 is 9. Alasdair Skelton and Nina Kirchner will start the process of producing a short list. If a recommendation must be made before the next board meeting on Nov 23, they will send out their final ranking for a per capsulum recommendation by the board to the faculty.</p>

	<p>i) <i>Annual Report 2017</i> The Bolin Centre Report 2017 is now available in print and distributed among the Board members. The digital form can be found here https://bolin.su.se/images/pdf_18/BolinCentre_Report2017.pdf.</p> <p>j) <i>Invitation to lunch with ESAG</i> The Board members are invited to lunch with the ESAG 11:30–12:30 on 23 November at the Faculty Club at Frescati, Stockholm University. The lunch precedes the board meeting the same day. Please email to Karin Jonsell, karin.jonsell@su.se, if you would like to attend.</p>
§ 8	<p>Other business:</p> <p>a) <i>Discussion of the ESAG report</i></p> <p>The Board discussed the report of the External Science Advisory Group again and how the ESAG can advise the Bolin Centre in the future.</p> <p>The ESAG needs more information to facilitate the advice given to the Bolin Centre. The Board is pleased with the Directorate’s effort in this regard with the sending of Board protocols to the ESAG, as well as the Bolin Centre Report 2017 and the ESAG-Directorate meeting held before the Bolin Days. The Board suggests that the ESAG should meet with the Science Advisory Group during the Bolin Days, as this is considered beneficial. The Board also suggest that future reports could include more in depth information from the research areas as well as bibliometric statistics. Time is too short to do this for this year’s Bolin Days, but this should be discussed by the Board early enough next year to give guidance and enough preparation time for next year’s Bolin Days.</p> <p>The Board also discussed the possibility of the ESAG to focus, in forthcoming reports, on direct questions asked by the Bolin Centre.</p> <p>b) <i>Arne Johansson, KTH Royal Institute of Technology will step down</i> Arne Johansson, KTH Royal Institute of Technology, will step down as substitute for Dan Henningson. Dan Henningson will send in the name of the new alternate member to the Bolin Board chair who will then send it for recommendation by the Faculty Dean who sends it to the Vice Chancellor of Stockholm University for approval.</p>
§ 9	<p>Next meetings</p> <p>The next Board meeting will be 13–16 on 23 November in the Tarfala room (T433) in the Geoscience Building at Stockholm University. The meeting will be preceded by a lunch with ESAG, see § 7j.</p>

Karin Jonsell
Secretary

Caroline Greiser
Attester

Cynthia de Wit
Chair of the Board

Implementation Plan for the Annual Bert Bolin Climate Lecture

Background

On the 25 February 2008, the Faculty of Science of Stockholm University passed a resolution establishing the Annual Bolin Climate Lecture in honour of Bert Bolin's efforts in climate research (Annex 1.1). Since that time, there have been ten lectures delivered by prominent experts in May of each year (Annex 2). For the first six lectures, the organization and implementation of the lectures was mainly done by Henning Rodhe as Director of the International Meteorological Institute of Stockholm University and the Office of the Faculty of Science.

On 20 May 2013, the Board of the Bolin Centre chaired by Cynthia de Wit agreed that there was a need for a review and development of an implementation plan for the Annual Bert Bolin Climate Lecture. It asked Leonard Barrie to take the lead working in close consultation with the Office of the Faculty of Science in preparing a draft plan for consideration by the Board in September 2013. The plan was developed through cooperation with the Dean Anders Karlhede and Åsa Borin of the Science Faculty Office and with input from Henning Rodhe and review by Alasdair Skelton.

In November 2018, the division of responsibilities between the Faculty and the Bolin Centre regarding the Bert Bolin Climate Lecture was changed. The Bolin Centre is heavily involved in the selection process and planning of the Bert Bolin Climate Lecturer every year. The Faculty of Science officially administrates, funds and hosts the event, but the organisation of the Lecturer's visit is in practice a co-arrangement with the Bolin Centre. During the summer of 2018 the Directors of the Bolin Centre, Alasdair Skelton and Nina Kirchner, therefore proposed that the administration of the Bert Bolin Climate Lecture was transferred to the Bolin Centre from the Faculty. The Faculty agreed to the proposal, and the responsibilities for the Bert Bolin Climate Lecture was thus changed according to §8 in the Bolin Centre Board meeting protocol from 2018-08-22, Annex 2.

Selection of the Annual Bert Bolin Climate Lecturer

Choosing the lecturer involves two important steps conducted by the Directors of the Bolin Centre; a request for nominations according to the protocol (Annex 1.2) and a selection of a prioritized short list of two to three candidates, utilizing the template for Bert Bolin Climate Lecture Nomination and the criteria list, Annex 4. A prioritized short list is desirable rather than just one candidate because it allows flexibility if cancellations occur.

If appropriate (for example in years with few nominations or nominations of candidates ranked lower than candidates from previous years), the Directors may consider nominations from previous years (though no more than three years back in time) in order to be able to compile a short list which reflects the Bert Bolin Climate Lecture as a targeted high profile event at Stockholm University.

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The short list is reviewed by the Bolin Centre Science Advisory Group on its October meeting, and by the Bolin Centre Board on its November meeting. Once the short list is approved by the Board, it is sent to the Dean of the Faculty of Science. The Dean approves the prioritized short list and appoints the selected candidate at the Faculty's December meeting.

Criteria for Selection of Lecturer

A new template for Bert Bolin Climate Lecture Nomination was produced during 2018 by the co-Directors Nina Kirchner and Alasdair Skelton, see Annex 4. The template was designed to create an easy nomination process as well as an accessible assessment process.

All is conducted according to the milestones, schedule and responsibilities outlined below.

Table 1 Candidate selection

Milestone	Date (Deadline)	Person(s) Responsible
Issue call for nominations to Bolin Centre researchers, advisory bodies and to the Stockholm Resilience Centre	15 August Re-issue 1 Sept	Directorate Bolin Centre
Deadline nominations	30 September	Directorate Bolin Centre
Finalize prioritized short list and present to Science Advisory Group (SAG) and Bolin Centre Board	Beginning of October	Bolin Centre Directors
Approval of prioritized short list and submit to Faculty	SAG on its Oct meeting Board on its Nov meeting	SAG Bolin Centre Board
Approval of prioritized short list and appointment of a selected candidate	December meeting	Board of the Faculty of Science
Notify the candidate officially	Immediately after the appointment is approved	Dean of the Faculty of Science

Implementing the Annual Bert Bolin Climate Lecture

Once the candidate is identified, the Office of the Faculty of Science and the Bolin Centre Directorate jointly organize the lecture in May. The responsibilities are split as follows:

Bolin Centre Directorate Responsibilities

- Administrate and organise the lecturer's visit. I.e organize the travel, accommodation and related logistics of the candidates visit (the visit can include three to four nights of accommodation and last for two to three days)
- Organise the Bert Bolin Climate Lecture. Book the lecture hall, finalize the title of the talk, invitation to schools and organise reception after
- Organise public outreach associate with the lecture
- Organise the Bert Bolin Climate Lecture dinner with invitation to appropriate representation of staff and students

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- Organise the science seminar. Book the lecture hall, finalize the title of the talk, invitation to research community and organise fika after
- Organise scientific outreach associated with the science seminar
- Organise the science lunch with the Bolin Centre Board

Faculty of Science Responsibilities

- Dean selects and formally invites the Bert Bolin Climate Lecturer from the short list
- Provide funding for the travel and accommodation of the Lecturer, rent for location with fika and the costs for the following dinner for the Lecturer

Table 2 Milestones in Implementation of the Annual Bolin Climate lecture

Milestone	Date (Deadline)	Person(s) Responsible
Finalize the date and venue of the lecture	15 February	Bolin Centre Directorate
Finalize the science fora associated with the visit	15 April	Bolin Centre Directorate
Send candidate a detailed itinerary	15 April	Bolin Centre Directorate
Final meeting to review logistics and implementation	Early May	Bolin Centre Directorate and nominator

Annex 1.1 The original protocol

UTDRAG UR PROTOKOLL

Stockholms universitets
naturvetenskapliga fakultetsnämnd
(del.) 2008-02-25

ÄRENDE

BESLUT

<p>34. Bert Bolin Climate Lecture.</p>	<p>Fakulteten beslutar inrätta Bert Bolin Climate Lecture för att hedra Bert Bolins insatser inom klimatforskningen vid Stockholms universitet och i ett internationellt perspektiv.</p> <p>"Bert Bolin Climate Lecture" hålls årligen i mitten av maj av en framstående klimatforskare. Efter föredraget utdelas ett diplom till forskaren och på kvällen intas en middag med fakultetsledning och särskilt inbjudna forskare. Fakulteten står för resekostnader och logi, samt middagen.</p> <p>Föredragshållaren beslutas av fakultetsnämnden vid första vårsammanträdet. Föreståndaren för Bert Bolin Centre for Climate Research, lämnar förslag efter samråd med föreståndaren för SRC och prefekten för MISU.</p>
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Detta beslut är fattat av fakultetens dekanus professor Stefan Nordlund på delegation av naturvetenskapliga fakultetsnämnden. Studentrepresentanter har informerats och haft tillfälle att yttra sig. Föredragande i ärendet har varit kanslichef Birgitta Eriksson.

Annex 1.2 Protocol amendment

UTDRAG UR PROTOKOLL

Stockholms universitets
naturvetenskapliga fakultetsnämnd

ÄRENDE**BESLUT**

34. Bert Bolin Climate Lecture.	<p>Fakulteten beslutar inrätta Bert Bolin Climate Lecture för att hedra Bert Bolins insatser inom klimatforskningen vid Stockholms universitet och i ett internationellt perspektiv.</p> <p>"Bert Bolin Climate Lecture" hålls årligen i mitten av maj av en framstående klimatforskare. Efter föredraget utdelas ett diplom till forskaren och på kvällen intas en middag med fakultetsledning och särskilt inbjudna forskare. Fakulteten står för resekostnader och logi, samt middagen.</p> <p>Föredragshållaren beslutas av fakultetsnämnden vid årets sista sammanträde. Föreståndarna för Bolin Centre for Climate Research, lämnar förslag efter samråd med Bolin Centrets styrelse, dess Scientific Advisory Group och föreståndaren för Stockholm Resilience Centre .</p>
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Detta beslut är fattat av fakultetens dekanus professor Anders Karlhede på delegation av naturvetenskapliga fakultetsnämnden. Studentrepresentanter har informerats och haft tillfälle att yttra sig. Föredragande i ärendet har varit kanslichef Åsa Borin.

Annex 2 Bolin Centre Board meeting protocol, 2018-08-22

UTDRAG UR PROTOKOLL

§8 in the Bolin Centre Board meeting protocol from 2018-08-22

§ 8	<p>Proposal that the Bolin Centre offers to take over administrative responsibility for the annual Bolin Lecture from the Faculty</p> <p>The Bolin Centre is heavily involved in the selection process and planning of the Bert Bolin Climate Lecturer every year. The Faculty of Science officially administrates, funds and hosts the event, but the organisation of the Lecturer's visit is in practice a co-arrangement with the Bolin Centre. The Directors of the Bolin Centre therefore proposed that the administration of the Bert Bolin Climate Lecture is transferred to the Bolin Centre from the Faculty.</p> <ul style="list-style-type: none"> • The chair will contact the Faculty and make a suggestion that the Bolin Centre take responsibility for the organisation and administration of the Bert Bolin Climate Lecture. Thus, the division of labour is suggested to be as follows: <ul style="list-style-type: none"> ○ Bolin Centre: <ul style="list-style-type: none"> ▪ Pre-selection process ending in a short list of candidates for the Bert Bolin Climate Lecture ▪ New: Administration of the lecturer's visit ▪ Organisation of the science seminar in connection to the visit ▪ Organisation of the science lunch with the Bolin Centre board ▪ New: Organisation of the Bert Bolin Climate Lecture with invitation to schools ▪ New: Organisation of the Bert Bolin Climate Lecture dinner with invitation to selected scientists ○ Faculty: <ul style="list-style-type: none"> ▪ Dean selects the Bert Bolin Climate Lecturer from a short list ▪ Provide funding for the travel and accommodation of the Lecturer, rent for location with fika and the costs for the following dinner for the Lecturer.
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Annex 3 Annual Bolin Climate Lectures

Year	Title	Lecturer	Affiliation
2008	Linkages between Ozone Depletion and Climate Change: Evolution of the Science and Connections to Public Policy	Susan Solomon	Co-Chair IPCC AR4 WGI, NOAA ESRL Boulder USA (Now at: MIT Ellen Swallow Richards Professor of Atmospheric Chemistry & Climate Science)
2009	Dissecting the Roles of Aerosols and Greenhouse Gases in Climate Change: Scientific Understanding and Policy Implications	Venkatachalam "Ram" Ramaswamy	Director, NOAA, Geophysical Fluid Dynamics Laboratory, Princeton, USA
2010	Do We Know Enough to Go Ahead with Control of Greenhouse Gas Emissions?	Robert J. Charlson	University of Washington, Seattle, USA
2011	Rising Carbon Dioxide: A Never Ending Story	Ralph Keeling	Scripps Institution of Oceanography, USA
2012	The Climate during the Past 10,000 Years (the Holocene)	Sherilyn Fritz	University of Nebraska-Lincoln USA
2013	Future Development of Climate and Earth System Models for Scientific and Policy Use	Warren M. Washington	National Center for Atmospheric Research, Boulder USA
2014	The role of the carbon cycle in regulating climate	Corinne Le Quéré	University of East Anglia, UK
2015	Uncertainties in Climate Projections Related to Clouds and Aerosols	Ulrike Lohmann	Swiss Federal Institute of Technology, Zurich, Switzerland
2016	The Challenge of Climate Change: How large is it and can we meet it?	Sir Brian Hoskins	Imperial College London, The Grantham Institute for Climate Change
2017	Biological response to climate change: What would Bolin say?	Thomas Cronin	U.S. Geological Survey
2018	Bending the Curve: Climate Change Solutions	Veerabhadan (Ram) Ramanathan	Scripps Institution of Oceanography, University of California

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Annex 4 Template for Bert Bolin Climate Lecture Nomination

Bert Bolin Climate Lecturer: Nomination template

Please fill in and send your nomination to bolin@su.se no later than October 15th 20xx.

Please see the appendix for how the scoring is done.

Name of the nominee: **FILL IN**

Affiliation of the nominee: **FILL IN**

Website of the nominee: **FILL IN**

Name of the nominator: **FILL IN**

Affiliation of the nominator: **FILL IN**

Nominator's connection to the Bolin Centre (e.g. RA membership): **FILL IN**

Motivation why the nominee should become Bert Bolin Climate Lecturer:

FILL IN

CV and list of publications:

Either attach them to the nomination or provide the URL address.

Scientific achievements of the nominee:

FILL IN

Communication skills of the nominee:

FILL IN

Coverage of the Bolin Centre Research Areas by the nominee:

FILL IN

Nominee's relation to Bert Bolin's legacy (e.g. IPCC):

FILL IN

If applicable, please provide information regarding the Nominee's unique accomplishments

NOT covered by the above questions:

FILL IN

The Nominee's contribution to diversity balance and topic balance among previous Bolin Lecturers will also be considered.

Appendix

Nominees can score as follows.

Scientific achievements of the nominee:

- *Outstanding (25%)*
- *Excellent (20%)*
- *Very good (15%)*

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- *Good (10%)*
- *Fair (5%)*
- *Otherwise 0%*

Communication skills of the nominee:

- *Outstanding = including the full range of audiences, "Pre-school to Presidents" (25%)*
- *Excellent = very broad range, including Bolin Lecture target audience (young adults) (20%)*
- *Very good = broad range, including Bolin Lecture target audience (young adults) (15%)*
- *Good= fair range, including Bolin Lecture target audience (young adults) (10%)*
- *Fair= fair range, but not including Bolin Lecture target audience (young adults) (5%)*
- *Otherwise 0%*

Coverage of the Bolin Centre Research Areas by the nominee:

- *Broad = Nominee covers more than 2 RAs (10%)*
- *Limited = Nominee covers 1-2 RAs (5%)*

Nominee's relation to Bert Bolin's legacy (e.g. IPCC):

- *Strong relation (10%)*
- *Weak relation (5%)*
- *Otherwise 0%*

Nominee's unique accomplishments NOT covered by the above questions:

- *Outstanding achievement not covered by the above template (5%)*
- *Otherwise 0%*

Nominee's contribution to a diversity balance among previous Bolin Lecturers:

- *Valuable addition to the diversity balance, including aspects of gender, gender identity or expression, ethnicity, religion or other beliefs, disability, sexual orientation and age (ensure that over the years diversity balance is achieved) (10%)*
- *Otherwise 0%*

Nominee's contribution to a topic balance among previous Bolin Lecturers:

- *Valuable addition to the topical diversity (ensuring that over the years, all RAs are covered -topicwise) (15%)*
- *Otherwise 0%*

Nomination of international panel members

We would be grateful for your nominations of panel members regarding the international panel for the evaluation.

The international panel will consist of fourteen panel members.

Six of the panel members would need to have a generalist competence with excellent knowledge in the financial and organizational management of CoE's, but also knowledge regarding evaluating the performance of CoE's and the support from the hosting HEI.

The other eight panel members would need to have a generalist competence in research within the following research areas:

- Natural sciences
- Technological sciences
- Humanities and social sciences
- Medical sciences

All the panel members should each be internationally recognized within their area of research and expertise, and preferably among the world leading in their field.

Nomination of experts for assessing publications

We would be grateful for your nominations of experts with a broad overall knowledge in the subject area of research relevant for the specific Linneaus Centres. The experts will be reading and assessing the scientific quality of a subset of publications from the publication lists that will be provided by the Linneaus centres to the evaluation.

Appendix 3b

Linneaus final evaluation – Publications

Background: VR has instructed the Bolin Centre to compile a list of all publications 2006-2016 (done). This list contains 787 publications. Out of these 787, the Bolin Centre has to select 8 (eight) publications, to be read by three experts, which are suggested by us, but no guarantee is available that these experts are chosen by VR. Experts reading the articles must not be co-authors on any of these.

Furthermore, the experts will chose 3 (three) publications themselves, and CR will chose 5 (five) publications, so experts read a total of 16 (sixteen) publications from the Bolin Centre.

Selection process: Out of the 787 publications, we extracted those published in “Nature” (and derivatives, t ex “Nature Geoscience”) and “Science”, which resulted in 40 articles. Three of these were “authors response to correspondence ...” or “response to comments...” or “corrigendum” (dated 2006, 2007 and 2008) and which we also removed, rendering a list of 37 publications. This reduced list was furthermore filtered such that only articles were kept which had a Bolin Centre scientist as first author. This filtering resulted in 17 papers, and these 17 papers are listed below. The task is to chose eight (8) of these 17, and our suggestion is highlighted in yellow.

Preliminary result: Our selection of eight (8) articles is marked yellow below. The marked articles span the years 2008, 2009, 2012, 2015 and 2016, and cluster towards the end of the 10year funding phase.

Advice from the Board regarding the selection is kindly requested.

Nina Kirchner, Alasdair Skelton, 14 Nov 2018

Tjernström, M. and Svensson, G.	Vertical structure of recent Arctic warming (NATURE)	2008
Riipinen, I.	The contribution of organics to atmospheric nanoparticle growth (NATURE GEOSCI)	2012
Bonaglia, S. and Brüchert, V.	Meiofauna, a increases bacterial denitrification in marine sediments (NATURE COMM)	2014
Jansen, J.D., Stroeven, A.P., Hättestrand, C., Kleman, J., Harbor, J.M. and Heyman, J.	Inner gorges cut by subglacial meltwater during Fennoscandian ice sheet decay (NATURE COMM)	2014
Jakobsson, M., Nilsson, J., Backman, J., Kirchner, N., O’Regan, M., Stranne, C., Macho, N.B., Coxall, H., Eriksson, B., Flodén, T., Gustafsson, Ö. and Mohammad, R.	Evidence for an ice shelf covering the central Arctic Ocean during the penultimate glaciation (NATURE COMM)	2015

Muschitiello, F., Pausata, F. S. R., Smittenberg, R. H., Salih, A. A. M., Wohlfarth, B., Karlatou-Charalampopoulou, A.	Fennoscandian freshwater influence on Greenland hydrological shifts at the onset of the Younger Dryas (NATURE COMM)	2015
Thornton, B. F.	Homely holmium (NATURE CHEMISTRY)	2015
Thornton, B. F. and Crill, P.	Arctic permafrost: Microbial lid on subsea methane (NATURE CLIM CHANGE)	2015
Acosta Navarro, J. C., Riipinen, I., Struthers, H., Hansson, H.-C. and Ekman, A. M. L.	Amplification of Arctic warming by past air pollution reductions in Europe (NATURE GEOSC)	2016
Ljungqvist, F.C., Krusic, P.J., Sundqvist, H.S. and Brattström, G.	Northern Hemisphere hydroclimate variability over the past twelve centuries (NATURE)	2016
Porada, P. and Beer, C.	High potential for weathering and climate effects of non-vascular vegetation in the Late Ordovician (NATURE COMM)	2016
Muschitiello, F., Smittenberg, R. H., Jakobsson, M., Vonk, J. E., Andersson, A., Kirchner, N. and Gustafsson, Ö.	Massive remobilization of permafrost carbon during post-glacial warming (NATURE COMM)	2016
Wik, M.	Climate-sensitive northern lakes and ponds are critical components of methane release (NATURE GEOSCI)	2016
Winiger, P., Andersson, A. and Gustafsson, Ö.	The sources of atmospheric black carbon at a European gateway to the Arctic (NATURE COMM)	2016
Porada, P. and Beer, C.	High potential for weathering and climate effects of non-vascular vegetation in the Late Ordovician (NATURE COMM)	2016
Gustafsson, Ö., Sheesley, R.J., Engström, E., Leck, C. and Rodhe, H.	Brown clouds over South Asia: Biomass or fossil fuel combustion? (SCIENCE)	2009
Jaramillo, F. and Destouni, G.	Comment on "Planetary boundaries Guiding human development on a changing planet"	2015

Policy för hantering av personuppgifter vid Bolincentret för klimatforskning

Den 25 maj 2018 började EU:s nya regelverk för personuppgiftsbehandling, dataskyddsförordningen (GDPR) att gälla. Enligt GDPR ska det finnas interna dokument och rutiner som visar att verksamheten följer de rättsliga principerna för behandling av personuppgifter. Bolincentret följer Institutionen för geologiska vetenskapers riktlinjer för hantering av personuppgifter, [lägg in länk](#). Bolincentret har även ytterligare rutiner som beskrivs i detta dokument.

Rättslig grund

Personuppgiftshantering inom Bolincentrets direktorat stödjer sig på samtycke och/eller myndighetsutövning som rättslig grund. Samtycke kräver skriftligt medgivande och ett samtycke kan alltid återkallas. Samtycket måste uppfylla följande krav;

- Frivilligt
- Tydligt ändamål (man måste berätta vad man vill använda uppgifterna till, tydligt och specifik motivering krävs)
- Tydligt informera om att samtycke inhämtas och vad samtycket innebär (att vi avser använda denna xx data för visst ändamål under en viss period)

Myndighetsutövning innebär att personuppgiftsbehandling är tillåten när den personuppgiftsansvarige måste behandla personuppgifter för att utföra sina myndighetsuppgifter.

Medlemsregister

Personuppgifter om Bolincentrets medlemmar samlas i medlemsregistret och informationen lagras för att administrera det forskningsnätverk som utgör Bolincentret. Den information som lagras är medlemmens namn, titel, anknytning, juridiskt kön, vilket forskningsområde hen tillhör, länk till personlig hemsida, foto samt kontaktuppgifter. För doktorander lagras Bolincentret också en kort sammanfattning av hens forskning, avhandlingens titel och samt beräknat år för disputation.

Personuppgifter får inte sparas under en längre tid än vad som är nödvändigt för ändamålet. Därför finns rutiner för att med jämna mellanrum rensa ut det som inte längre får lagras. Rutinerna innebär att våra medlemmar påminns en gång om året om att de är medlemmar i Bolincentret och vad det innebär med avseende på lagring av personuppgift. De ombeds att gå ut ur Bolincentret om de inte godkänner villkoren.

Så långt det går bör medlemsregistret hanteras i gemensamma system med behörighetsstyrning och inte i enskilda anställdas datorer. Bolincentret använder för närvarande BOX. Hela direktoratet har tillgång till registret.

Personuppgifterna är ordnade så att de lätt går att komma åt, vilket förenklar för att vara behjälpliga om den registrerade till exempel begär att få ut sina uppgifter eller att få dem ändrade.

Spridning av data

Medlemsregistret administreras av direktoratet och kan komma att delas med universitetsledningen, partners, forskningsfinansiärer och andra liknande aktörer. En lista med medlemmarna ligger också på Bolincentrets hemsida. Även där listas medlemmens namn, titel, anknytning juridiskt kön, vilket forskningsområde hen tillhör, länk till personlig hemsida, foto samt kontaktuppgifter.

Evenemang

Vid vissa evenemang sammanställer Bolincentret listor som kan innehålla uppgifter som ställer högre krav på hanteringen. Vi kan komma att samla in uppgifter om allergier, funktionsvariation, etc. Uppgifterna samlas enbart in för att kunna genomföra evenemanget och raderas alltid efter avslutat evenemang av den som är ansvarig för evenemangets personuppgiftshantering.

Utskick och hantering av e-postlistor

Alla medlemmar i Bolincentret har gett sitt samtycke att ta emot information från Bolincentret i form av nyhetsutskick via e-post. Alla medlemmar har även möjlighet att själva posta till Bolincentrets e-postlista.

Bilaga

Förslagstext för evenemangsregistrering

Nedan följer en förslagstext att använda vid registrering för evenemang.

Registration

Welcome to the registration for XXX. By signing up for this event, you agree:

- that the Bolin Centre stores data on allergies, disabilities, etc. This data will be deleted after the event is completed.
- that photographs taken during the conference may be published by the organisers.

I hereby grant the Bolin Centre to store and process the information supplied in this registration form according to the information above.

If you would like to know more about how the Bolin Centre processes personal information, visit our website [www.bolin.su.se/about us](http://www.bolin.su.se/about-us) or send an email to bolin@su.se

Information till nya och befintliga medlemmar

Nedan följer information som nya och befintliga medlemmar ska ha tillgång till.

Information to new members

When you join the Bolin Centre you agree:

- that the information you provide us with is stored. We will store your name, title, affiliation, legal gender, which RA ('s) you are joining, the link to your personal homepage, a portrait of you and your contact details. For PhD students we also store the short summary of your research, thesis title and the preliminary year of your dissertation.
- to be listed as a member in our membership register. The membership register is handled by the Bolin Centre Directorate and may be shared with partners, research financiers and similar actors.
- to be listed as a member on our website with your photo, name, title, affiliation, which RA ('s) you have joined and the contact details you have provide us with. The website has open access and can be visited by anyone.
- to receive current information from the Bolin Centre.

This information is stored in order to administrate the research network that constitutes the Bolin Centre.

If you want to update your profile (change your title, affiliation, e-mail address, e-mail subscription etc.), please send an e-mail to [bolin\[at\]su.se](mailto:bolin[at]su.se) and we will take care of it for you within a few working days.

If you would like to know more about how The Bolin Centre processes personal information, visit our website [www.bolin.su.se/about us](http://www.bolin.su.se/about-us) or send an email to [bolin\[at\]su.se](mailto:bolin[at]su.se)

I hereby grant the Bolin Centre permission to store and process the information supplied in this form according to the information above.

Information to existing members

As a member of the Bolin Centre, you have agreed:

- that the information that you have provided us with is stored. We store your name, title, affiliation, legal gender, which RA ('s) you have joined, the link to your personal homepage, a portrait of you and your contact details. For PhD students we also store the short summary of your research, thesis title and the preliminary year of your dissertation.
- to be listed as a member in our membership register. The membership register is handled by the Bolin Centre Directorate and may be shared with partners, research financiers and similar actors.
- to be listed as a member on our website with your photo, name, title, affiliation, which RA ('s) you have joined and the contact details you have provide us with. The website has open access and can be visited by anyone.
- To receive current information from the Bolin Centre.

The information is stored in order to administrate the research network that constitutes the Bolin Centre.

If you do not agree

If you do not agree to this, please unsubscribe as a member of the Bolin Centre. Please fill in this [form](#) and we will take care of it for you within a few working days. You are always welcome back if you change your mind!

Update your profile

If you want to update your profile (change your title, affiliation, e-mail address, e-mail subscription etc.), please send an e-mail to [bolin\[at\]su.se](mailto:bolin[at]su.se) and we will take care of it for you within a few working days.

More information

If you would like to know more about how The Bolin Centre processes personal information, visit our website www.bolin.su.se or send an email to bolin@su.se