

Mistra EviEM

Executive Committee Meeting 7

October 23-24, 2013

Mistra, Gamla Brogatan 36-38, Stockholm

Participants:

Thomas Rosswall (Chair)
Kjell Asplund (# 1-7)
Jerry Melillo
Andrew Pullin
Henrik Smith
Eva Thörnelöf

Notice of absence :
Jacob Fant
Jacqueline McGlade
Katherine Richardson

Ex officio:

Johan Edman, Mistra (# 1-10)
Sif Johansson, Mistra EviEM Secretariat

Invited participants:

Claes Bernes, Mistra EviEM Secretariat
Magnus Land, Mistra EviEM Secretariat
Bo Söderström, Mistra EviEM Secretariat
Matilda Miljand, Mistra EviEM Secretariat
Fredrik All, Royal Swedish Academy of Sciences (# 1-7)
Per Hedenqvist, Royal Swedish Academy of Sciences (#7)
Lars-Erik Liljelund, Mistra (#7)

1. Welcome by the Chair

The Chair opened the meeting and welcomed the participants. He noted that Jacqueline McGlade, initially appointed in September 2011 but only able to join after July 2013, was unfortunately not able to attend. He also noted that Kjell Asplund would only be present during the first day.

2. Adoption of the agenda

The Chair invited the members to review the agenda and suggest any additional issues that might be discussed under #13 Any other business.

Three issues were added to the agenda.

- # 13.1 Instructions for the Director
- # 13.2 Appointment of the Executive Committee
- # 13.3 CEE advisory group

Decision:

The agenda was adopted after adding three items to #13, *instructions for the director, appointment of the Executive Committee and the CEE advisory group.*

3. Minutes

The minutes from Executive Committee meeting 6 in February 2013 have been adopted.

Follow-up from the ExComm 6 meeting

5: Ongoing systematic reviews. Following the advice by the ExComm the secretariat had a detailed discussion on methodology for searching scientific literature with information specialist Hanna Olofsson at SBU.

8: Future Funding. A letter asking for continued financial support in 2017-2018 was sent from the Royal Swedish Academy of Sciences to the chair of the Mistra board. The request was noted at the Mistra board meeting in June. The Chair noted that it was too early to discuss additional funding.

Decisions:

To note that the Minutes of meeting 6 have been adopted by the Executive Committee.

To note that three email decisions have been taken by the Executive Committee and will be annexed to the Minutes from this meeting as annex 1, 2 and 3.

To put a request to the Royal Swedish Academy of Sciences to seek additional financial support from Mistra at the current level also for 2017-2018, the request should be on the agenda for the meeting of the Mistra board in spring 2014.

4. Communication plan and work plan for Mistra EviEM

The secretariat gave a brief summary of communication activities that have taken place since the last ExComm meeting, and then presented the Mistra EviEM communication and work plans for 2014. Mistra EviEM's vision and four missions were discussed.

The need to develop a procedure to evaluate the impact of EviEM's work was discussed and the importance of involving a specialist in this work was emphasized. The benefit of starting early with the evaluation was also stressed, to allow for mid-way corrections of EviEM's work.

Following the ExComm's advice, Mistra EviEM is planning to hire a communicator. The position will be shared with the Swedish Secretariat for Environmental Earth System Sciences (SSEESS), and the communicator will work on a half-time basis for EviEM and half-time for SSEESS.

Decisions:

- To approve the EviEM vision and mission statements.
- To request ExComm members to send comments on the text describing the Vision and Mission to the Secretariat.
- To approve the 2014 communication plan (Annex 4).
- To approve the 2014 work plan (Annex 5).
- To request the secretariat to develop a procedure for how to evaluate the impact of EviEM's work and present it at the ExComm meeting in March 2014.
- To request the secretariat to present an integrated communication plan and work plan for 2015 at the meeting in November 2014.
- To note that a communicator will be hired.

5. Ongoing systematic reviews (SRs)

The secretariat informed the ExComm about the work with the three ongoing reviews and presented a communication plan for each review.

SR₁ *What are the impacts of reindeer/caribou (Rangifer tarandus L.) on mountain and arctic vegetation?* The final review protocol was published in the journal Environmental Evidence and at the EviEM website in March 2013. By the time the review team had its second meeting (on 7-8 March), some 400 articles had been screened on full text. The 132 articles that remained after this screening have now been subject to critical appraisal and data extraction by the four experts in the team. About 45 articles were found to contain useful data, and a total of some 750 individual Before/After or Control/Impact comparisons of vegetation effects have been extracted from these studies. The critical appraisal and data extraction has been double-checked by the project manager. The review team had its third meeting on 9-11 October. Data analysis and writing of the final report will follow next.

SR₂ *How effective are created or restored freshwater wetlands for nitrogen and phosphorus removal?* The review team had its second meeting in May 2013. Much time was then spent on more elaborate definitions of the inclusion criteria and discussions regarding data extraction and quality appraisal. The review protocol was accepted by Environmental Evidence on August 20. Out of 5,787 articles, 1,200 passed the screening at abstract level. Retrieving and screening of full text articles is now conducted in parallel. So far, about 700 articles have been retrieved, and it is expected that approximately 1,000 articles will be found and screened on full text. Based on the current screening results, it is expected that approximately 300 articles will reach the stage of quality assessment and data extraction. The review team will have its third meeting on 8-9 January 2014. After the meeting the review team will begin extracting data.

SR₃ *What is the influence on water quality in temperate eutrophic lakes of a reduction of planktivorous and benthivorous fish?* The final review protocol was published in the journal Environmental Evidence and at the EviEM website in May 2013. By the time the review team had its second meeting (on 24-25 April), about 2,000 articles had been screened on abstract, and the roughly 500 articles that remained had been screened on full text. Some 200 articles are still included after this screening and another 50 or so have

been added from the grey literature. Many articles deal with several different biomanipulation projects, and some of these projects are described in up to 20 different articles – collectively, the 250 included articles present data on about 160 manipulated lakes. Critical appraisal and data extraction have therefore been performed on a lake-by-lake basis rather than by article. The appraisal has been done by the six experts in the team and double-checked by the project manager. Data extraction is carried out by the project manager. So far, a total of roughly 10,000 data (mostly annual means of water-quality parameters) have been recorded on about 100 of the lakes. Considerable amounts of raw data have also been received from team members and other scientists. The review team will have its third meeting on 4-5 December and decide on a data analysis strategy.

Decisions:

To note that the protocols for the three reviews have been published in Environmental Evidence.

To approve the communication plans for SR1, SR2 and SR3.

6. Protocol for SR4: Soil organic carbon (SOC) stocks

The draft protocol was prepared by Bo Söderström during March and April 2013. It was largely based on the pilot review written by Magnus Land that had been approved by the ExComm on 7 February 2013. Chair and members of the SOC review team were approved by the ExComm on 3 April. Four representatives from key stakeholder groups (the Swedish Board of Agriculture, the Swedish Environmental Protection Agency, the Federation of Swedish Farmers, and the Swedish University of Agricultural Sciences) attended the stakeholder meeting held at the Royal Swedish Academy of Sciences on 4 June. The first meeting of the review team was held in Höör on 15-16 August. Most of this meeting was devoted to discussions about the draft protocol. The revised draft protocol, approved by all members of the review team, was published on EviEM's website and open for public review between 9 and 30 September. Stakeholders were notified via email, and the public review was mentioned in a newsletter issued by the EviEM secretariat. The review team will have its second meeting on 30-31 January 2014.

Decisions:

To approve in principal that the protocol is submitted to the journal Environmental Evidence, taking note of the comments from the ExComm.

To recommend that the review team consider including filters e.g. bulk density and geographical boundaries to reduce the work load of the review team.

To approve the communication plan for SR4 after inclusion of carbon sequestration in the first key message.

7. Access to databases

In order to ensure access to necessary data bases, two main localisation alternatives for EviEM are to stay at the Royal Swedish Academy of Sciences or to be hosted by a university. In the former case, the secretariat would have to subscribe to a number of literature databases and purchase additional articles from universities or publishers. In the

latter case, the expenses for administration, rooms, data support etc. would become higher than today, but this overhead would then cover full access to databases and interlibrary loans.

The implications of the two alternatives were discussed. The importance of a speedy solution was stressed. However, a few concerns were raised if EviEM were to be affiliated to a university, especially the implications for the integrity and objectivity of the council.

Decisions:

To ask the secretariat to discuss with the Swedish University of Agricultural Sciences what the conditions would be if it were to host the EviEM Secretariat, and to further explore the financial and practical consequences of staying at the Royal Swedish Academy of Sciences and report back at the next ExComm meeting.

8. Planning of reviews

Making the systematic-review process more efficient

The ExComm has recommended that the duration of a systematic review (beginning with the first meeting of the review team and ending with the publication of a draft final report) should not exceed one year (ExComm 3, June 2012). However, the experience of EviEM from the first reviews is that they require more time. Based on the experience of the secretariat, several ways of making the review work more efficient were presented:

- **E-meetings**
The Academy will soon get access to Adobe Connect. This system will enable us to have more efficient e-meetings and improve the communication between the project managers and the review teams between meetings.
- **Training of review teams**
We will include a special instruction session at the first meeting of new review teams in order to improve their familiarity with the systematic review method.
- **A new kind of position in the review team**
We will look into the possibility of hiring a post-doc or research assistant to be a member of a review team. This person would not receive remuneration but rather a salary and be paid to do e.g. searching, screening, critical appraisal and data extraction in cooperation with the project manager. This way, highly qualified additional manpower could be used to ease the work load both of other members of the review team and of the project manager.
- **Extra personnel at the secretariat**
We continuously assess the need for extra help with relatively simple tasks like searches for scientific papers etc.

Cooperation with universities

To involve more environmental scientists in doing systematic reviews and to increase the number of conducted reviews, EviEM has initiated discussions with a few Swedish universities about supporting post-docs/research assistants in conducting systematic reviews that follow the CEE guidelines. A project manager at the secretariat would become mentor of the post-doc/research assistant and make sure that the CEE guidelines are followed.

Decisions:

To support the suggestions for making the systematic-review process more efficient.

To approve that a post-doc or research assistant can be hired and receive a salary to work in the review team (corresponding to approximately 25 % per year), as long as the costs will remain within the approved budget.

To approve that the secretariat will look for topics that universities are interested in co-financing through a post-doc/research assistant as project manager.

9. Future reviews

At EviEM ExComm meeting 6, the secretariat was requested to develop a draft protocol on the topic *What is the effect of phasing out poly- and perfluorinated alkylated substances (PFAS) on the distribution of these compounds in the aquatic environment?* The topic was presented at the meeting.

What is the effect of phasing out poly- and perfluorinated alkylated substances (PFAS) on the distribution of these compounds in the aquatic environment?

A systematic review of poly- and perfluorinated alkylated substances (PFAS) in the environment has been suggested by the Swedish Chemicals Agency. Another stakeholder that has shown a great interest in this matter is the Swedish Agency for Marine and Water Management. Swedish scientists support such a review as well. Mistra EviEM presented a draft protocol that had been developed in collaboration with Professor Cynthia de Wit, Stockholm University. Valuable comments have also been provided by Ian Cousins and Urs Berger at Stockholm University.

The scoping study has indicated that the amount of studies and data allows for a full systematic review even though it is not huge. The quality of the data sets is often quite high.

The topic was discussed and the Executive Committee underlined the importance of including non-Swedish internationally recognized scientists in the review team.

At an earlier meeting (ExComm 4), the Committee expressed an interest in other topics suggested by stakeholders, among them *How does active management affect biodiversity in forest reserves?* and *What is the impact of buffer strips at field margins on terrestrial flora and fauna?* Pilot studies of these two topics had been developed and were presented by the secretariat

What is the impact of active management on biodiversity in forests set aside for conservation or restoration?

The traditional way of limiting impacts of forestry on biodiversity is to set aside forest areas of particular conservation interest, either as formally protected reserves or on a voluntary basis. Most set-asides have been left untouched, but many of them may gradually lose the qualities that were to be safeguarded unless they are actively managed, e.g. by means of burning or thinning. In recent years, interest in such measures has increased, but opinions

differ among conservationists on how active management should be balanced against non-intervention. A choice between these alternatives also has to be made when forest stands formerly subject to large-scale harvesting are to be restored.

The topic – how biodiversity in forests set aside for conservation or restoration is affected by active management vs. non-intervention – has met approval and even enthusiasm among key stakeholders in Sweden. Currently being seen as an issue of high concern, it fulfils nearly all of the criteria for selecting topics that have been adopted by the EviEM Executive Committee. The only major obstacle for a systematic review on this subject is the scarcity of relevant scientific literature. Numerous combinations of management forms and biodiversity outcomes can be conceived, and it remains to be seen whether any such combination is covered by sufficiently many studies to allow a meaningful meta-analysis.

The potential for carrying out a full systematic review was discussed. Especially the ability to synthesize the variety of measured outcomes existing in the literature in a meaningful way was questioned and a systematic map was suggested as a potential outcome if a full systematic review appears unfeasible. Both these alternatives will be included in the review protocol as potential outcomes.

What are the effects of buffer strips around arable fields on terrestrial fauna?

The establishment of permanently vegetated buffer strips around arable fields to mitigate the environmental impact of intensive agriculture is a common intervention across Western Europe. The dual purpose is to promote biodiversity and to counteract the runoff and spread of pesticides and fertilizers.

Key scientists and stakeholders contacted by EviEM agreed that there is a need to compile scientific evidence for “best practice” techniques to create, restore and manage arable field margins to benefit biodiversity. A scoping exercise indicated that the amount of published scientific literature is acceptable. However, several researchers and stakeholders emphasized that the interplay between the buffer strip and adjacent arable field as well as landscape context must be assessed. Key questions are whether higher abundances of different pollinators/natural predators in buffer strips also lead (i) to increased pollination/biological control in surrounding arable fields, (ii) increased biodiversity at the landscape scale and not only a redistribution of species and individuals within the landscape. Moreover, stakeholders also sought information on how buffer strips should be created and managed to meet the multiple goals of ecosystem services, biodiversity conservation, counteraction of fertilizer runoff to water-courses and restriction of pesticide drift.

The multiple interests regarding buffer strips were discussed, and to make a systematic map on different buffer strip functions was suggested as a way to get an overview of the topic. Parallel systematic reviews on different buffer strip functions may be the outcome of such a map.

Is thiamine deficiency a significant cause of declining bird populations in the Baltic Sea area?

The Swedish Agency for Marine and Water Management has asked Mistra EviEM to look further into what is known about the link between thiamine deficiency and bird decline (as a part of an investigation commissioned by the Ministry of the Environment). Mistra EviEM presented a pilot study and concluded that there is not enough scientific literature to do a full review of the topic.

Pilot studies presented at the EviEM website

Pilot studies that do not result in a full systematic review still contain information that could be of interest to both scientists and stakeholders. One way of making them accessible would be to present them at EviEM's website.

Decisions:

To approve *What is the effect of phasing out poly- and perfluorinated alkylated substances (PFAS) on the distribution of these compounds in the aquatic environment?* as EviEM's fifth topic for systematic review (SR5).

To appoint Professor Cynthia de Wit as chair of the SR5 review team and to approve other members by e-mail decision.

To approve *What is the impact of active management on biodiversity in forests set aside for conservation or restoration?* as EviEM's sixth topic for systematic review (SR6) and agree to appoint a chair through an email decision.

To approve that a systematic map on the topic *What are the effects of buffer strips around arable fields on terrestrial fauna?* be developed. The secretariat will later propose a chair and review team members.

That a full systematic review on the topic *Is thiamine deficiency a significant cause of declining bird populations in the Baltic Sea?* will not be initiated due to the lack of scientific literature.

To approve that pilot studies that do not lead to full systematic reviews are published at the EviEM website.

10. Updated budget

Outcome 2013

The overall economic outcome of the first part of 2013 is SEK 3.77 million as of September. The projected outcome for January-December 2013 is SEK 6.66 million, 4.5 million below the budget adopted at the EviEM ExComm 4 meeting. This is mainly due to the fact that the remuneration of the reindeer review team will be paid in 2014 (instead of 2013), that the part-time employment of a communication officer at the Academy has been reduced from 50% to 25%, that expenses for database access have been very limited, and that fewer reviews than the budget allowed for have been initiated.

Budget for 2014

The budget for 2014 is SEK 13.8 million. Expenses for the first three reviews will increase as the release of the reports comes closer. The budget also includes the salary of a half-time

communicator for 2014, and two half-time post-docs working as project managers. It also includes post docs/research assistants for SR 4-6.

Budget for 2014-2017

The long term budget for EviEM was extended to include 2017, since reviews initiated before the end of the Mistra funding in 2016 need to be completed. In total, EviEM's budget is 65 million for the years 2012-2017. In addition to current staff, the budget includes a new half-time communicator for 2014-2016 and two half-time post-docs working as project managers in 2014-2015.

For 2017, the budget is calculated based on the expected cost of completing the projects started in 2016. It includes the cost of three projects (meetings, communication and remuneration), a secretariat with 4 employees (salaries, office and administration) and the Executive committee to operate until September 2017 (one meeting and remuneration).

Decisions:

To note the economic outcome of Mistra EviEM for the period January to September 2013 and expected end-of-year outcome.

To approve the budget for 2014 (Annex 6).

To note the budget for 2014-2017.

To request that the secretariat present an aspirational budget for EviEM's work after 2017 at the next ExComm meeting.

11. Annual report for 2013

The secretariat has asked the freelance journalist Gunhild Arby to produce EviEM's annual report for 2013 to Mistra. She was the editor of the previous annual report and will be the main writer of the articles this year as well. The report is to be sent to Mistra by March 31, having first been approved by the ExComm at its meeting in March 2014.

The ExComm was invited to comment on the suggested outline contents (without any particular order) of the annual report 2013:

- Cover illustration based on the new projects
- Introduction by ExComm's chair
- Presentation of the new projects
- Updates on SR1, SR2 and SR3
- Article about Mistra EviEM's new status as a CEE centre. What is the aim of the CEE and how do the four centres work? Interview with a member in the CEE Advisory Board
- Short article on how to search for scientific articles for the systematic reviews. "Web of Science is not enough"
- Interview with ExComm member.
- Short article about why all suggested topics don't lead to full systematic reviews
- Economy/Financial summary
- The year 2013 in short (Pictures and captions from some of our activities)
- Presentation of the ExComm and the Secretariat with new pictures

Time plan:

Texts in Swedish to be submitted for layout around December 5

Swedish texts to be submitted for translation around December 15

Final comments and approval at the ExComm meeting on March 4-5, 2014

The Annual report is to be ready around March 20 and delivered to Mistra no later than March 31.

Decision:

To approve the proposed content of the annual report and to suggest that an interview with the Minister of Environment be considered.

12. Next meetings

The next meeting is scheduled for 4-5 March 2014 potentially for a day and a half to allow time for an in-depth session on EviEM's future.

The ninth meeting of the Executive Committee will be held 11-12 November 2014, in Stockholm

Decision:

To note that the 8th meeting will be held on 4-5 March 2014.

To hold the 9th meeting on 11-12 November 2014.

13. Any other business**13.1 Instructions for the director**

The agreement between Mistra and the Royal Swedish Academy of Sciences, §3.1.3 *Undertakings of the Executive Committee* states that the Executive committee will adopt instructions for the Director. However, §3.2.2 *Undertakings of the Director* in the same document states that *The Director shall be responsible for the day-to-day management of the Council. The Director shall present agenda items at meetings of the Executive Committee and implement the decisions of the Executive Committee.* After discussing the issue, the Executive Committee concluded that the wording contained in the agreement is sufficient as instruction to the Director.

Decision:

To note that the issue of the instructions to the Director were discussed and it was concluded that the current instructions are sufficient.

13.2 Appointment of Executive Committee members

The Executive Committee members are appointed by the Board of the Royal Swedish Academy of Sciences, in consultation with Mistra, for three-year terms that may be

extended once. The next term will begin in September 2014. The future composition of the Executive Committee will be discussed at the ExComm meeting in March.

Decision:

To request the Chair to contact current members regarding their potential availability for re-appointment for a second 3-year period.

13.3 CEE Advisory Group

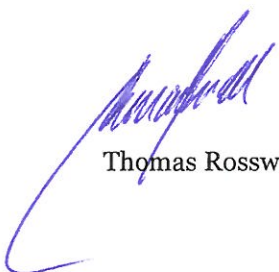
The Collaboration for Environmental Evidence has an Advisory Group composed of representatives of CEE constituencies, stakeholders and independent experts. The group advises on strategic direction and policy, evaluates progress and generally advises on the standards and function of the CEE. The EviEM Executive Committee was asked to nominate persons for the Advisory Group. The nominations are sent to the CEE Board of Trustees for appointment.

Decision:

To send suggestions for members of the CEE Advisory Group to the Secretariat. A final decision will be made by e-mail.

14. Closed meeting

The Executive Committee met without the Director and the invited participants in order to discuss the meeting, the documentation provided and possible ways of making future meetings exciting and constructive.



Thomas Rosswall



Sif Johansson

Mistra EviEM Executive Committee
Decision by e-mail, 18 February 2013

Participated:

Thomas Rosswall (Chair)

Jacob Fant

Andrew Pullin

Henrik Smith

Kjell Asplund

Jerry Melillo

Katherine Richardson

Eva Thörnelöf

Appointment of the chair for the review: “What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland”

E-mail sent 14 February 2013

Dear ExComm members,

Thank you very much for the meeting last week! For our 4th systematic review (SR4) I would like to suggest Professor Katarina Hedlund at Dept of Biology, Lund University to be the chairperson.

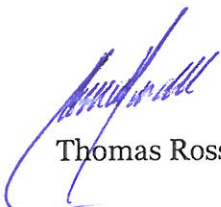
Both she and Henrik are cluster-leaders in the initiative “Biodiversity and Ecosystem services in a Changing Climate (BECC)” <http://www.cec.lu.se/o.o.i.s/24960> , <http://canmove.lu.se/sv/staff/senior/katarina>. She has a strong international network to turn to when looking for scientists to the review team.

Please, have a look at her CV and publication list and let me know at latest on Friday February 22 if you can appoint Katarina Hedlund as chair for SR4.

By 18th February all members of the ExComm have answered that they appoint Katarina Hedlund to chair for the review “What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland”.

Decision:

- Professor Katarina Hedlund is appointed to chair the review “What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland”


Thomas Rosswall


Sif Johansson

Mistra EviEM Executive Committee

Decisions by e-mail, 4 April 2013

Participated:

Thomas Rosswall (Chair)

Jacob Fant

Andrew Pullin

Henrik Smith

Kjell Asplund

Jerry Melillo

Katherine Richardson

Eva Thörnelöf

Appointment of scientific experts for the review SR4 *"What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland?"*

and

Approving the Memorandum of Understanding (MoU) between the Collaboration for Environmental Evidence (CEE) and the Royal Swedish Academy of Sciences which makes Mistra EviEM a CEE centre.

E-mail sent 22 March 2013

Dear ExComm,

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The review team for SR4

For our 4th Systematic review (SR4) "What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland" I would like to suggest the following people as members of the review team:

- Louise E. Jackson. Professor and Cooperative Extension Specialist. Department of Land, Air and Water Resources, University of California, Davis, USA. For CV and publication list, see "Louise E. Jackson CV and publication list".
- Emanuele Lugato. European Commission, Joint Research Center (IES – Soil action), Ispra, Italy. Research on soil organic carbon dynamics in agro-ecosystems, cropland management and GHGs assessment. For CV and publication list, see "Emanuele Lugato CV and publication list".
- Ingrid K. Thomsen. Senior scientist at the Department of Agroecology, University of Aarhus, Denmark. For CV and publication list, see "Ingrid K. Thomsen CV and publication list"

- Thomas Kätterer. Professor in Soil Fertility and Plant Nutrition, Department of Ecology, SLU Uppsala, Sweden. For CV and publication list, see “Thomas Kätterer CV” and “Thomas Kätterer publication list”.

Proposed decision:

To appoint Louise E. Jackson, Emanuele Lugato, Ingrid K. Thomsen and Thomas Kätterer members of the review team for SR4.

EviEM to become a CEE-centre

At the ExComm meeting in February it was decided that the secretariat was to initiate discussion with CEE for EviEM to become a CEE centre. In the discussion at the ExComm meeting, some issues were mentioned related to the wording in the provided template Memorandum of Understanding (MoU). The secretariat has now adjusted the document in consultation with the CEE and the Royal Swedish Academy of Sciences, and suggest that the ExComm approve that the Royal Swedish Academy of Sciences signs the MoU and make EviEM a CEE-centre.

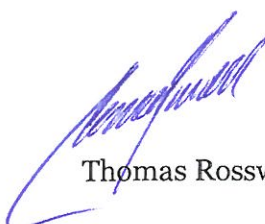
Proposed decision:

To approve the Memorandum of understanding.

By 3 April 2013 all members of the ExComm have approved the proposed decisions.

Decisions:

- to appoint Louise F. Jackson, Emanuele Lugato, Ingrid K. Thomsen and Thomas Kätterer to the review team for SR4 *"What is the effect of soil management practices on soil organic carbon (SOC) stocks in cropland?"*
- to approve the MoU between the Collaboration for Environmental Evidence (CEE) and the Royal Swedish Academy of Sciences. Andrew Pullin participated not in this decision due to conflict of interest.



Thomas Rosswall



Sif Johansson

Mistra EviEM Executive Committee
Decision by e-mail, 29th April 2013

Participated:

Thomas Rosswall (Chair)

Jacob Fant

Andrew Pullin

Henrik Smith

Kjell Asplund

Jerry Melillo

Katherine Richardson

Eva Thörnelöf

Approval of the wetlands protocol

E-mail sent 19 April, 2013

Dear members of the ExComm,

Attached to this email is the protocol for the wetlands review (SR2) and a description of the protocol process.

The ExComm is asked to approve the development of the draft protocol and the submission of the protocol to Environmental Evidence by e-mail decision.


Let me know at latest on Monday the 29th April if you approve this decision.

By 29th April all members of the ExComm have answered positively to approve the draft protocol for SR2 for submission to Environmental Evidence.

Decision:

- To approve the draft protocol for SR2 for submission to Environmental Evidence


Thomas Rosswall


Sif Johansson

Not available on the web.

Not available on the web.

Mistra EviEM	Budget 2014
Secretariat	6 298 000
Personnel development ¹	100 000
Admin. cost to Academy ²	724 000
Other administration costs ³	60 000
Info dep. at the Academy ⁴	218 000
Overhead to University ⁵	1 039 000
Salaries ⁶	4 157 000
Communication⁷	680 000
Graphic profile	50 000
Web site development	50 000
Web site (annual expenses)	50 000
Information material ⁸	350 000
Outreach activities ⁹	100 000
Translation	80 000
Research collaborations¹⁰	1 054 000
ExComm	706 000
Meetings ¹¹	210 000
Remuneration ¹²	486 000
Other ¹³	10 000
Reindeer grazing	547 000
Group meeting ¹⁴	65 000
Remuneration ¹⁵	260 000
Communication ¹⁶	200 000
Other ¹⁷	22 000
Wetland	887 000
Group meeting	195 000
Remuneration ¹⁸	500 000
Communication	170 000
Other	22 000
Boimanipulation	712 000
Group meeting	70 000
Remuneration ¹⁹	420 000
Communication	200 000
Other	22 000
Soil organic carbon	448 000
Group meeting	130 000
Remuneration ²⁰	256 000
Communication	20 000
Other	42 000
New systematic reviews	1 133 000
Group meeting	260 000
Remuneration ²¹	512 000
Communication	10 000
Other	351 000
Data bases²²	
TOTAL	12 465 000

Mistra EviEM Budget 2014

¹ The cost of the capacity building of the staff includes participation fees in conferences, training-courses and seminars.

² This is a fixed payment to the Academy. It covers costs for personnel and financial administration, the office of the secretariat, telephones, etc. This payment is calculated per employee. For the first half of 2014 it is calculated for a secretariat staff of four full time and two halftime employees. It covers costs for personnel and financial administration, the office of the secretariat, telephones, etc. For the second half of 2014 it is only covers office space, telephones and IT support.

³ This includes mobile phones, specialist literature, computer programs etc.

⁴ The payment to the Academy for the 25% employment at the information department for 2014, it includes salary and office, administration etc.

⁵ EviEM will pay overhead to be affiliated to a University, approximately 50% of the salary expenses. It is calculated for a staff of four full time and two halftime employees for half of 2014.

⁶ For 2014 the calculation includes the salaries of the five present employees of the secretariat, and an approximate salary for a half time communications officer.

⁷ This item refers to the communications activities that are directly linked to the secretariat and council as a whole (i.e. not linked to the reviews).

⁸ The cost of the annual report (approximately 250 000/report), posters, roll-ups, brochures, business cards, EviEM-pens, etc.

⁹ Outreach activities are the activities taken by the secretariat to spread the knowledge of the council as well as the systematic review method, e.g. meetings, conferences.

¹⁰ In 2014 EviEM will collaborate with research institutions to finance two post docs to conduct systematic reviews following the CEE guidelines.

¹¹ The Executive Committee (ExComm) is planning to meet twice during 2014. The meeting in March 2014 will be held at a conference centre. Expenses include travel, food and accommodation.

¹² The ExComm is remunerated every September for the past 12 months.

¹³ This includes additional trips made by the ExComm members etc.

¹⁴ Each review team will have one or two meetings a year with the review team.

¹⁵ The review teams are remunerated when the report is approved by the ExComm. The chair receives SEK 100 000 and the scientific experts SEK 80 000. Two payments were made during 2013 to members of the reindeer review team. The first payment was to the former chair, who left the review team due to shortage of time. She received remuneration for the time she had worked. The second payment was to James Speed, who, because of the contract he had with his employer needed to get the compensation paid out before the contract ended. The rest of the team will be remunerated in 2014.

¹⁶ For each review the secretariat will arrange a stakeholder meeting, develop a report, summaries of the report, press releases etc.

¹⁷ Each review will have expenditures for: EPPI-Reviewer license (a software program for managing and analysing data in systematic reviews) and meetings with the chair. Other potential costs includes: computer program, meetings with scientists or the experts, purchase of literature (not articles), consultants, etc.

¹⁸ The review teams are remunerated when the report is approved by the ExComm. The chair receives SEK 100 000 and the scientific experts SEK 80 000. There is room in the budget to remunerate the wetlands review team. However, it is uncertain whether the report will be finished, and the remuneration will be paid, at the end of 2014 or in early 2015.

¹⁹ There is room in the budget to remunerate the biomanipulation review team. One of the members of the biomanipulation review team will, due to her contract with her employer, receive her remuneration in 2013. The rest will receive their remuneration when the report is approved by the ExComm, however, it is uncertain whether the report will be finished, and the remuneration will be paid, at the end of 2014 or in early 2015.

²⁰ The review teams are remunerated when the report is approved by the ExComm. However, a post-doc/research assistant will be employed (25% per year) in the SOC review team and paid a salary for her work in the group.

²¹ The review teams are remunerated when the report is approved by the ExComm. The chair receives SEK 100 000 and the scientific experts SEK 80 000. A post-doc/research assistant will be employed (25% per year and review) in all new projects and paid a salary for his or her work in the group.

²² No expenditures are expected for 2014.