Subject	Minutes of 2nd General meeting EUCLIPSE
Place and date of meeting	Exeter, UK 6-10 June 2011

Participants:

See attached List of Participants

June 6th-10th, 2011

The 2nd General Assembly meeting of the EUCLIPSE project was a combined meeting with the related projects CFMIP (Cloud Feedback Model Intercomparison Project) and the GCSS (Gewex Cloud System Studies) working group on boundary layer clouds.

Therefore the first 3 and a half days of the meeting were spent on science presentations related to these projects. These presentations are available on the website of EUCLIPSE (http://www.euclipse.eu/meeting_6-10_June_2011_Exeter2.html) and will not be further summarized here. Only mentioning will be made below on presentations that directly relate to deliverables as described in the DOW of EUCLIPSE.

1. Transpose-AMIP:
The EUCLIPSE climate models EC-Earth, IPSL, ARPEGE and ECHAM will participate in Transpose-AMIP (see presentation Williams). The results will be analysed along with the free climate model runs as well as for SCM runs for a selected number of selected grid points (taken from: Cloudnet and possibly ARM GPCI) (Deliverable 3.6).

2. EUCLIPSE dataset for Cloudnet sites:
A comprehensive observational dataset for the 3 Cloudnet sites is almost completed (see presentation Chiriaco, IPSL). This dataset will be used for the evaluation of Transpose-AMIP runs, climate model runs and SCM runs (see 1) (Deliverable 3.6).

3. Analysis AMMA grid points:
Francoise Guichard gave a presentation on the evaluation of ARPEGE with AMMA observations. These evaluations will be extended to the other EUCLIPSE climate models once the model results will be available (Deliverable 3.6).

4. Analysis ASTEX and Composite case
LES analysis will be coordinated by Stephan de Roode (TU Delft) (Presentations De Roode, Sandu, Neggers). SCM analysis will be coordinated by Roel Neggers (KNMI) (Deliverable 3.3).

5. Analysis CGILS case

These analyses will be done in collaboration with Chris Bretherton, Minghua Zhang (Presentations Zhang, Bretherton). For the EUCLIPSE part De Roode is responsible for the LES analyses and Neggers (KNMI) for the SCM analyses (Deliverable 3.9).

6. Equilibrium solutions of SCM's

A framework for this was presented by Sara Del Gesso and applied to EC-Earth. Will be generalized to a format suitable for other models (deliverable 3.5).

7. Extra activity

An extra activity is an assessment study how well operational radiation codes in climate models agree/disagree when subjected to a well defined idealised stratocumulus structure (prescribed liquid water, effective radius and cloud droplet number density). Though there was some confusion on this topic we will try to incorporate this as an extra activity within EUCLIPSE.

Thursday, June 9th, 2011

Thursday afternoon the following items were discussed:
- COSP issues
- CMIP5 data availability
- IPCC deadlines
- Coordination of CFMIP-2 analysis

CMIP5: Requests from Bony:
1. Please register at the CMIP5-website (not via your own portal) if you want to access climate model data.
2. Refer to CMIP5 instead to IPCC when referring to the CMIP5 climate model runs.

IPCC deadlines:

Deadline for CMIP5 model runs submission	: November 2011
Deadline for paper submissions	: 31 July 2012
Deadline for paper acceptance	: 15 March 2013

If you would like to propose papers suitable for use in IPCC please contact either Bjorn Stevens or Chris Bretherton.

Coordination of CFMIP-2 analysis
CFMIP2 runs (subset of CMIP5 runs proposed by CFMIP) will be done by 13 climate models

models	status
ECHAM	running
MIROC	ready in October
CAM4/CAM5	not yet started
Canadian climate model	
BOM	not yet started
Met office	running
LMD	running

ARPEGE   ready
GFDL
JMA
NICAM
GISS
EC-EARTH   running
MMF-version (perhaps participating)

Proposal: Construction of a BAMS article advertising the CFMIP runs.

Brian Meideiros offers to do further Aquaplanet model runs once they are available.

Friday, June 10th, 2011

Chairperson this morning, which is dedicated to the EUCLIPSE project, is Pier Siebesma.
He starts the meeting with a power point presentation about the administrative issues of the project.
Decided is that the partners will send their contribution to the 1st Periodic Report to the WP-leaders who will then put this together.
With the first period report it will concern only 2 WP's.
Siebesma will contact the EU officer to find out what is expected, contents, length etc.
Important is to pay attention to what is done and what is delayed and explain why a delivery is late.
Svensson will contact WP leader about her activity.

Participants are reminded of the use of the EU en FP7 logos. The suggestion is made to use these logo's, for example on the "thank you" page.

There is a lengthy discussion on the pro's and cons of combined meetings of EUCLIPSE with CFMIP and GCSS. Pro's are the interactions with colleagues working on the same theme but outside EUCLIPSE but con is that it comes with the price that the various projects and common activities within EUCLIPSE are not well discussed , less visible with the risk of loosing coherence.
Proposal is to have the next General Assembly in 2012 as a EUCLIPSE meeting that will however be open for other interesting participants from outside EUCLIPSE.

Bony suggests having a small breakout meeting in September to discuss WP2 activities for the coming year in more detail.

De Roode proposes to have a similar type of breakout meeting for the purpose of making more concrete plans for deliverable 3.6 (analysis of delected grid points).

There is a stimulating discussion on the deliverable to produce a book on clouds and climate. It is agreed that the book should have a didactical character aiming to reach students/PhD's new in the field as there is not really a good textbook on this topic. Bjorn Stevens, Christian Jakob, Sandrine Bony and Pier Siebesma will take the initiative here.

For the planned Summer school a proposal has been written for Les Houches (France) which has been accepted. The summer school will take place in 2nd half June in 2013. The plan is to structure the book and the summer school in a similar way.

Work package presentations and discussions with a focus on the deliverables

WP 0
D0.1 Project flyer but will be distributed in July/August.

WP1 Tselioudis

Deliverable D1.1
(COSP software ready) needs to be "delivered" through a small document plus link to software.

Deliverable D1.2 / D1.3: Ready and submitted to EU
Deliverable D1.4: While writing the DoW we were a little optimistic with this delivery. There is a delay which is out of the hands of EUCLIPSE since it has to do with the fact that not all climate models were up to do the CMIP5 runs. Nevertheless it seems that the EUCLIPSE climate models are ahead of most of the non_EUCLIPSE climate models.
George will respond and explain on this in the annual report.

Deliverable D1.5:   Is in progress. Will be delivered on time end of July.

WP 3 - De Roode

Deliverable D3.1: De Roode will write a short document describing that this deliverable has been achieved with a link to the various websites and send this to Karin vd Schaft.

Deliverable D3.6: Time line was too ambitious and could not be met due to the fact that the climate model runs are not yet ready. Meeting about selected grid points is planned in 2011, possibly in September, for all people concerned. De Roode will send out an email to propose a date for this meeting.

Deliverable D3.5: It is discussed whether the Scu equilibrium cases as presented should become a group activity. There is some worry that it will be too demanding to make it a group activity (Bjorn Stevens). On the other hand this activity is clearly stated as a deliverable.
It was also brought up whether the forcings in these equilibrium studies should be made stochastic (or transient?)

WP2 - Bony
Just started a few months ago. Are in good shape. Lot of presentations on the subjects they would like to address.
January 2012: reporting ability ITCZ, interannual, internal variability.
January 2012: diagnosis of cloud feedback, precipitation. First look on cloud responses in AMIP-couples runs.
A point of contact for the collection/selection of metrics is sought for. Tsushima will do this.
Deliverables most near:
D2.4   no problems.
D2.6   mostly basic results.

Bony will organize a WP2 meeting in September to discuss further the organization of the various deliverables and activities in WP2.

Stevens WP4
1.   Look deeper by experimenting.
2.   Push other WP. They want to explore further. Idea specific behavior.
3.   How do single columns behave.

1.   Contingent what we have.
2.   Specific ideas not clear yet.
3.   idem

A summary and list of actions will be made and published on the internet site of EUCLIPSE.

Our thanks to go out to the Met Office for having us and Mark Webb and Adrian Lock for organizing the meeting.

Attachment 1: List of Participants

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CFMIP/GCSS/EUCLIPSE Meeting on Cloud Processes and Climate Feedbacks,
The Met Office, Exeter, United Kingdom, 6th-10th June, 2011.

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