

Minutes of the CLM Community Coordination Group meeting in March 2024

Thursday, 21 March 2024, 09:00 – 12:00 CET

Virtual meeting

Astrid Kerkweg (SUPTECH), Andreas Dobler (SUPTECH), Beate Geyer (Hereon), Christian Steger (DWD; Coordinator), Emmanuele Russo (EVAL), Hendrik Feldmann (KIT; CP), Ha Hagemann (AIO), Jan-Peter Schulz (SOILVEG), Mariano Mertens (DLR; CCAR and MODEV), Mario Raffa (CMCC), Patrick Ludwig (MODEV)

List of *** ACTIONS***				
List of ACTIONS is available in the CLM Community Portal: https://www.clm-community.eu/activities/CO/channels/issues				
	Topic	Item	Time	Responsibility
1	Welcome	<ul style="list-style-type: none"> • Welcome • Minutes • Additional topics for the agenda? <ul style="list-style-type: none"> ○ ICON support framework (Astrid) 	09:00 – 09:10	C. Steger
2	List of ACTIONS <i>(Reported by P. Ludwig)</i>	<ul style="list-style-type: none"> • Status of open ACTIONS • Discussion and further steps <ul style="list-style-type: none"> ○ #216 will be shifted to Topic 3 ○ #217 Naming convention still open (need to wait for archiving specifications) ○ #218 Also waiting for final archiving specification (Martin from DKRZ works in the framework on UDAG on EURO-CORDEX data requests and comparing with available ICON-output; needs to go into SPICE and later in CCLM2CMOR) ○ #222 Topic from Ha selected; Beate will put the link in the right place on the webpage; issue can be closed ○ #224 Solved but not closed yet (maybe not written on Webpage?) -> Beate will check if/how to find, issue can be closed ○ #226 → shift to Topic 3 ○ #228 finished from Ha's side; any more discussion needed? Groups that are interested in Aerosol handling in COSMO-CLM should have the information; Ha checks the webpage if information is available at the right place (C.S. or B.G. will otherwise add information) --> closed 	09:10 – 09:30	C. Steger / all
3	WG pages in Community Portal <i>(Reported by M. Raffa)</i>	<ul style="list-style-type: none"> • Information <ul style="list-style-type: none"> ○ Changes of webpage. Changes in the sidebar and top menu, with easy access to the WG pages. ○ List of WGs, models and tools information. Science with topics and discussions. Included the planned and past events and help with FAQ and support page. ○ Working groups page with more information and tools. Automatic functions for the members to be 	09:30 – 10:20	C. Steger / B. Geyer / all

		<p>linked to the WG contents (member list from the 'General' tab are removed now).</p> <ul style="list-style-type: none"> ○ Broken links and other errors on the webpage, report to Beate and Christian. ○ WG-Mailing lists are automatically synchronised with the "members" page ● Discuss general structure for content and update WG pages <ul style="list-style-type: none"> ○ Same structure for all WG pages (see WG Eval as reference) ○ In the WG structure: the abstract tab is removed (decision during the meeting). ○ coordinators are removed from the text in the general page (now the order in the left menu is right with leader and deputy) ○ The structure of general information: Overview - Links to important wiki pages - Tasks and challenges (with bullet points)- other WG dependent content ○ Structure <ul style="list-style-type: none"> ▪ Overview (incl. important links) ▪ Tasks ▪ Other WG specific content ▪ for the moment the list with WG meetings (will be moved to the Events tab later) ▪ Use the same font and font size ○ ***ACTION*** Beate/Christian: adjust WG CO and WG EVAL pages as template for others ○ ***ACTION*** Christian: Send email to WG leaders that they should adjust their WG page according to the example of CO and EVAL and take into account the points described above; include information how a new event can be created; include information that the brief abstract shown at the Working-Groups-Overview should also be update (explain how); ***ACTION*** all WG leaders: Adjust WG page as discussed ● WG meetings should be organised from now on via event option <ul style="list-style-type: none"> ○ "Events" functionality has to be used for the meetings (examples see CO and EVAL page) ○ ***ACTION*** Beate/Christian: add FAQ how to create an event 		
		BREAK	10:20 – 10:30	
4	<p>Strategy ICON recommended versions</p> <p><i>(Reported by H. Hagemann)</i></p>	<ul style="list-style-type: none"> ● ICON open source ● ICON ~ 2 releases per year ● Extensive evaluation not always possible ● Feasible procedure necessary ● COSMO: official unified releases every ~5 years. New ICON releases every 6 months. Evaluation of new releases is required. We need a procedure to test the new versions and new features in the release to evaluate whether any improvement of the configuration is possible. ● MODEV contribution to provide a list of variables for the check. ● Can the procedure be automatic? ● Reference period: 2002-2008 ● Run the new version with the currently recommended configuration to assess the performance of the new release version 	10:30 – 11:20	C. Steger / all

		<ul style="list-style-type: none"> ● Buildbot provides mainly technical tests. Model performance should be evaluated via e.g. ScoPi plot. ● Run 5 years of the new released one and use eva-suite to evaluate against the older version ● Patrick talks with Vera to ask Daniel to find out the workflow for an extended buildbot test before the release (for the release candidate). Can be a discussion point for the next MODEV meeting. ● Test runs for the release candidate and the new released version as well ● Short list of modified parameters after the new release and conduct runs ● Suggested procedure: <ul style="list-style-type: none"> ○ Test will be conducted with the release candidate before the release to detect problems if there are any; ideally this could be done via an extended buildbot test; ***ACTION*** MODEV will clarify the best procedure ○ run a ~5-year test for each new release with the currently recommended configuration to assess the performance of the new release; ***ACTION*** EVAL thresholds must be set and a procedure must be developed by EVAL which must be fulfilled that the new release can become the new recommended version (change of community agreement might be necessary, because at the moment the members have to vote on the recommended version) ○ new features in new releases will be tested by EVAL if resources are available and if they have potential to improve the results for our applications; this will be done in a COPAT like manner; if new features show an improvement of the results the recommended configuration will be adjusted (change of community agreement might be necessary, because at the moment the members have to vote on the recommended configuration) ● We try to test this procedure for the next releases and adjust if necessary. Once we are satisfied with a certain procedure we will establish it officially and make the necessary changes in the community documents. 		
5	EVA Suite <i>(Reported by B. Geyer)</i>	<ul style="list-style-type: none"> ● Follow up discussion from last meeting ● Link to EvaSuite-Dokumentation is added to the webpage ● additional co-workers help to improve the documentation (Sergei and Christoph Braun), Andreas contributes with his LATEX-document on metrics. ● Best practice examples will be given. ● postponed to the CO meeting in June 	-	all
6	Any other business / buffer <i>(Reported by C. Steger)</i>	<ul style="list-style-type: none"> ● ICON support framework (Astrid) <ul style="list-style-type: none"> ○ COSMO will establish a support framework for ICON, esp. for licences ○ CLM Community could contribute ○ we need to provide points of contact of CLM specific topics ○ details will be discussed in SUPTECH meeting tomorrow 	11:20 – 11:40	all
END of MEETING			11:40	