



PAL MOD

GERMAN
CLIMATE
MODELING
INITIATIVE

Newsletter 02 / 2021

Dear PalMod II members,

The PalMod Highlights of February are the upcoming Annual Meetings of WG2 and WG3. Moreover, we will have two new talks in the PalMod Seminar held by Marie and Nils and a rerun of Gerrit's January talk. Find the connection details below.

PalMod Seminar Series

1. The second chance for everyone who missed Gerrit's talk in January:

Fri, 12. Feb 2021 17 h

G. Lohmann (AWI): Simulation the Glacial Climate and Ocean Circulation: Challenges for PalMod

Connection Details:

<https://geomar.webex.com/geomar/j.php?MTID=mfd72378f871491fe3aaf7da7aaf6601b>

Meeting number: 174 334 9337

Password: uvGf28dsDx2

2. The next (new) talk of the seminar Series will be given by Nils and Marie:

Thu, 25. Feb 2021, 10 h:

N. Weitzel (IUP Heidelberg): Towards model-data comparison of the deglacial temperature evolution in space and time.

M.-L. Kapsch (MPI-M, Hamburg): Transient simulations of past climates with comprehensive Earth System Models (KeyNote Talk from PMIP 2020)

Connection Details:

<https://geomar.webex.com/geomar/j.php?MTID=m0f256538a3cf5c459ce13c74e6ebde11>

Meeting number: 174 913 9257

Password: mQCiabJG342

Upcoming Meetings

- **WG2 Annual Meeting:** 03. Feb. 2021

For connection details and agenda please contact V. Brovkin (MPI-M)

- **WG3 Annual Assembly:** 23. Feb. 2021
For connection details and agenda please contact U. Herzschuh (AWI-P) / S. Mulitza (MARUM)
- **Mid Term Retreat:** 2. & 3. Mar 2021
Agenda and details will follow soon.
- **CC:** 17. & 18. Mar 2021
Everyone is invited to attend, information will follow.
- **PalMod General Assembly 2021:** 27. & 28 May 2021
Connection details and agenda will follow timely.

New PalMod I or II - related Publications and Data

NONE

Milestones and Deliverables

NEW: Milestones WP1.4 M4 and M5 were merged to one milestone and delivered in time.

The link to the documentation can be found on the internal pages under

<https://www.palmod.de/group/palmod/milestones-deliverables>

updated traffic light, 02.02.2021

WP	WG	Due To	DAYS	02.02.21	Responsible	Task
WG1	WP1.3 M1	30.06.20	-217	overdue	PIK	Investigation of the effect of asynchronous coupling
WG3	WP3.2 M1	30.09.20	-125	overdue	GFZ	Synchronization of lacustrine and marine data-bases
WG2	WP2.1 M3	30.09.20	-125	overdue	MPI	Successful implementation adjustments and extensions that are necessary in HAMOCC for the transient simulations in interactive carbon cycle mode
WG3	WP3.3 M3	30.12.20	-34	overdue	AWI	Spectral estimation methods established and tested
WG3	WP3.3 D4	30.12.20	-34	overdue	AWI-P	Documentation of the spectral estimation method accounting for proxy biases
WG2	WP2.1 M1	30.12.20	-34	overdue	AWI	Adjust RECoM model for simulating prognostic atmospheric CO ₂ concentrations, including fluxes from weathering, and volcanism.
WG2	WP2.1 M2	30.12.20	-34	overdue	AWI	Include iron sources from marine shelves, rivers, hydrothermal activity and sea ice in RECoM
WG2	WP2.1 M5	30.12.20	-34	overdue	MARUM	Transient simulations including marine carbon isotopes for an abrupt climate change event during MIS3 and Termination I set up in CESM and ready to run
WG1	WP1.4 M1	30.12.20	-34	overdue	GFZ	Set-up of reference 3d earth structure in VILMA for use in main GCMs for coupling to ice-sheet dynamics and for sea-level reconstructions
CC	CC2 M13	30.12.20	-34	overdue	UHD	Design of the toolbox interface completed, including scripts computing pseudo-proxy-tested metrics for variability changes in surface climate and environmental variables applicable to proxy and model data

Please note: according to my bookkeeping **10 milestones** are overdue. So

- if you met a milestone or deliverable please let me know, so I can remove it from the list
- if it foreseeable that you have to shift a milestones or deliverables to later, let me know (kfieg@geomar.de).

The newly updated (01/2021) full list of Milestones and Deliverables:

<https://www.palmod.de/group/palmod/milestones-deliverables>

More useful news and links



The protocol of the last Steering Group Meeting, 20.01.2021 can be found:

<https://www.palmod.de/group/palmod/protocols>

For general details on the PalMod II project see <https://palmod.de>