Participant Call August 20

Participants: Richard Kranenburg, Christian Hogrefe, Jesse Bash, Rohit Mathur, Jon Pleim, Paul Makar

- Activity 1
  - Status updates:
    - Richard: EU runs finished, waiting for post-processing instructions
    - Paul: Finished 3 simulations each for both 2010 and 2016, waiting for updated post-processing instructions.
    - Christian: Finished all 2010 and 2016 simulations with M3DRY and STAGE, post-processed gridded files (except fluxes) for input to enform_aq
    - Paul: suggested to compare notes between CMAQ and GEM-MACH over North America regarding evaluation and diagnostic deposition fields
    - The most recent status of all groups as gathered via email updates and participant calls is shown in the table on pages 2-4
  - Revisions to enform code, TSDs, and metafiles:
    - Delays with finalizing the revised metafiles and TSDs, hope to get this done by September
    - Enform code has been finalized: https://github.com/AQMEII4/enform_aqmeii4, can test with existing zip files containing old meta files and TSDs posted at https://github.com/AQMEII4/Activity-1-AQMEII-style-runs
    - Paul and Christian to follow up with Roberto and Stefano after September 1
  - Reminders:
    - Groups ready to start post-processing their model outputs can contact Stefano to obtain a model code to be used for enform and enform_aqr postprocessing, but see bullet above about expected updates to the enform code and some TSDs and src files
    - Access to the JRC ftp site for data upload will be provided by Stefano later
- Activity 3
  - Planning team held a call on July 28, notes for this and previous calls are available at the AQMEII3.A3 github site (https://github.com/AQMEII4/Activity-3-Point-Intercomparison-runs)
  - Participants have started running their boxmodels with the different data sets and will start presenting some of their results during the regular monthly calls
  - The next call is scheduled for August 25, contact Donna Schwede (schwede.donna@epa.gov) if you are interested in participating and are not currently receiving call invitations
- Special Issue
  - Approved by ACP, will be open September 2020 - September 2022
  - Coordinators: Alex Guenther and Joshua Fu
  - Activity co-organizers : Stefano Galmarini, Paul Makar, Olivia Clifton, Christian Hogrefe
- Paul suggested to start online technical group "seminars" this fall to stimulate analysis, potentially motivate groups currently on the fence about participating, and begin to scope out papers.
- Christian will present an initial analysis of CMAQ AQMEII4 simulations at the 19th annual CMAS conference to be held virtually October 26 - 30. Groups considering a presentation can submit abstracts until August 24 at https://www.cmascenter.org/conference/2020/index.cfm
- Next call September 17, 9:00 EDST / 15:00 CEST

Activity 1 Participant Status as of August 20, 2020

Contact	Institution	Model	Continent(s)	Date of Last Update	Status
Alma Hodzic	NCAR	WRF/Chem	NA	4/2/2020	Started simulations
Ana Ascenso	University of Aveiro	Chimere	EU	6/25/2020	WRF simulations are finished and have been evaluated, still working on CHIMERE updates
Aura Lupascu	IASS Potsdam	WRF/Chem	EU/NA	7/22/2020	Finished all simulations, waiting for updated post-processing instructions.
Christian Hogrefe	U.S. EPA	WRF/CMAQ	NA	8/20/2020	Finished all 2010 and 2016 simulations with M3DRY and STAGE, post-processed gridded files (except fluxes) for input to enform_aq
Christoph Knote	LMU Munich	WRF/Chem	EU	7/30/2020	Might have to drop out because of a move to a different university
David Simpson	Norwegian Meteorological Institute	EMEP	EU	8/4/2020	Simulations not started and busy with other mandatory projects through end of September, but still interested in participating (activity 1 and/or 3) if time allows
Dimitris Melas	Aristotle University Thessaloniki	WRF/CAMx	EU/NA	2/27/2020	Simulations not started
Ioannis Kioutsioukis	University of Patras	WRF/CAMx	EU/NA	2/27/2020	Simulations not started
Johannes Bieser	Helmholtz-Zentrum Geesthacht	CCLM/CMAQ	EU/NA	6/3/2020	Finished meteorological simulations for NA domain. Solved initial setup issues with STAGE for NA with assistance from Jesse and Christian

Marta Garcia Vivanco	CIEMAT	Chimere	EU	7/28/2020	Downloaded and processed anthropogenic emissions, still needs to process fire emissions. Simulations have not started
Metin Baykara	Istanbul Technical University	WRF/CMAQ	EU	4/3/2020	Transitioned to new computer system, delayed due to current situation, expect to start May - June
Paul Makar	Environment and Climate Change Canada	GEM-MACH	NA	8/20/2020	Finished 3 simulations each for both 2010 and 2016, waiting for updated post-processing instructions.
Pedro Jimenez Guerrero	University of Murcia	WRF/Chem	EU/NA	4/2/2020	May participate if coordination with other WRF/Chem groups is possible
Ralf Wolke	Leibniz Institute for Tropospheric Research	COSMO-MUSCAT	EU	7/24/2020	Finished simulations, waiting for updated post-processing instructions.
Ranjeet Sokhi	University of Hertfordshire	WRF/CMAQ	EU	7/28/2020	First postdoc working on this project expected to start in September and project cannot begin before that.
Richard Kranenburg	TNO	LOTOS/EUROS	EU	8/20/2020	2009-2010 EU model runs are finished, considering NA simulations. Waiting for updated post-processing instructions.
Roberto San Jose	Technical University of Madrid	WRF/Chem	EU/NA	7/28/2010	Finished 2010 EU and 2016 simulations. Expect to finish EU2009 in September and NA2010 in October
Rotislav Kouznetsov	FMI	SILAM	EU	7/29/2020	Need to suspend participation due to other commitments and understaffing. If participating in the future, plan to submit gridded concentrations and depositions but no LU-specific resistances.

Ulas Im	Aarhus University	WRF/DEHM	EU	7/28/2020	Cannot currently commit due to other priorities, still interested.