

Participant Call May 28

Participants: Christian Hogrefe, Donna Schwede, Paul Makar, Ana Miranda, Aura Lupascu, Rohit Mathur, Jesse Bash, Stefano Galmarini, Ralf Wolke, Jon Pleim

- Activity 1
 - Status updates from call participants
 - Paul: 3 runs for 2016 had been done and analyzed for the EGU conference. Some diagnostics for net values weren't processed correctly, so the 3 2016 runs are being redone with fixes to the code. The 3 2010 runs are also being done at the moment. Still expecting to be done with the simulations in June.
 - Ana: Starting Chimere runs. Checked boundary conditions. May take 2-3 months for Chimere simulations to be completed
 - Aura: Runs are completed. The land-use mapping issue raised in last call was resolved. Started to create ASCII files needed as input to enform, played with remapping, etc.
 - Ralf: 2009 and 2010 runs are finished for base configuration. Started post-processing, but needs to have access to ENSEMBLE restored. Will wait for updates to TSDs / enform before performing final post-processing (see below). May perform sensitivity runs with different land use data set, this may happen in fall.
 - Christian: finished CMAQ M3DRY simulations for 2010 and 2016, CMAQ STAGE 2010 and 2016 are being re-run, expected to finish within the next month
 - Updated guidance on land-use mapping
 - see <https://github.com/AQMEII4/Activity-1-AQMEII-style-runs/blob/master/OverarchingDocuments/Activity1.md#land-use-types>
 - Updated spreadsheets will be sent out after the call
 - Expected revisions to enform code, TSDs, and metafiles
 - Work group (Stefano, Roberto, Paul, Christian) is updating enform code, making minor adjustments to existing TSDs and metafiles for gridded fields, and creating TSDs and metafiles for receptor cases
 - Work group may also develop additional guidance on post-processing resistances based on recent feedback from participants
 - These expected updates need to be communicated to all participants so that they know that the currently-posted files are not final - Stefano will send out a heads-up email
 - The new JRC contract with Enviroware is now in place and will cover 24 months. Roberto Bianconi should have access to the JRC computing system within the next week.
 - 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 ftp site for data upload will be provided later
- Activity 2
 - Planning team held call on May 11
 - Team received expression of interest from ~50% of models, <50% of groups

- Decision: keep open the activity for now, get Activity 1 runs done, then revisit once we know how much extra work would be needed. As "backstop", once Activity 3 work moves to sensitivity simulations, include variations in LU/site characteristics besides variations in meteorology in these sensitivity simulations.
- Activity 3
 - Planning team held call on May 20
 - Discussed initial feedback on observational data posted on the EPA GoAnywhere site, still collecting more feedback about potential data gaps before approaching data providers for additional information
 - Donna and Olivia will update some of the datasets with several needed corrections noted by some participants and will use a versioning system to keep track of these changes.
 - Call notes are available at https://github.com/AQMEI4/Activity-3-Point-Intercomparison-runs/blob/master/ParticipantCallNotes/AQMEI4_Activity3_ParticipantCallNotes_20200520.pdf
 - Next call scheduled for June 23 at 10:00 EDST / 14:00 GMT / 16:00 CEST, contact Donna Schwede if interested in participating and not currently receiving call invitations
- Special Issue
 - Stefano, Paul, Donna, Olivia, Chris, and Christian developed a proposal for an AQMEI4 special issue in ACP and submitted it to the ACP editorial board for consideration
 - Key points of proposal:
 - Covers all aspects of AQMEI4
 - Open for submissions from September 2020 – September 2022
 - Proposed SI coordinator: Stefano Galmarini (EC-JRC, ACP associate editor)
 - Proposed co-organizers: Christian Hogrefe (US EPA), Paul Makar (ECCC), Olivia Clifton (UCAR)
 - Proposed guest editors: Stefano Galmarini, Christian Hogrefe, Paul Makar, Tim Butler, Joshua Fu, Satoru Chatani, Augustin Colette, Amanda Cole or Bob Vet, Chris Holmes, Fabien Paulot, Catherine Hardacre, Kirsti Ashworth, Zhiyong Wu
- Next call: June 25 at 10:00 EDST / 14:00 GMT / 16:00 CEST