

AQMEII4 Activity 2 Call Notes, 12/05/2023

Participants: Stefano Galmarini, Jesse Bash, Christian Hogrefe, Colin Lee, Annika Vogel, Paul Makar, Kenjiro Toyota, Johannes Flemming, Roberto San Jose

Anam was unable to join the call, but she shared a draft copy of her AGU presentation with all co-authors ahead of the call. During the call, participants went over these slides and discussed them. Following the call, several participants sent their feedback to Anam for her consideration when finalizing her presentation.

Annika reported that she has obtained and successfully read the observed and modeled Activity 2 data and has built an initial implementation of the error framework. She will soon reach out to Olivia to start iterating on specifying appropriate assumptions in the framework.

Kenjiro shared results from his analysis to update the GEM-MACH Wesely scheme with a soil moisture dependency for the stomatal pathway and to also test the impacts of some bug fixes. In his work, he is comparing the updated GEM-MACH results against the other AQMEII4 models analyzed in Olivia's paper, adapting python scripts Olivia had shared with him. When discussing these results, Johannes noted that there still is a need to better understand the differences in observed V_d between Borden Forest and Harvard Forest.

Next call: Tuesday January 2, 10:00 EST / 15:00 GMT / 16:00 CET