

## **AQMEII4 Activity 2 Call January 2, 2024**

Participants: Anam Khan, Olivia Clifton, Jon Pleim, Paul Makar, Kenjiro Toyota, Christian Hogrefe

Anam went over her final set of AGU slides, updated with some results from additional models that submitted simulations after the AGU slides had been finalized. The key conclusions from her work so far are that multiyear monthly means from the flux-based effective stomatal conductance (egs) fall within the interquartile range (IQR) of multiyear means from single point models throughout much of the growing season across most sites, and that both a stronger dependence on soil moisture in some models compared to observation-based egs estimates and the parameterization of initial resistances and their seasonality are key sources of disagreements between single point modeled egs and observed flux-based egs. Anam will proceed with writing an outline of a manuscript in which she plans to publish her results. If additional sensitivity simulations might be useful for some aspects of her ongoing analysis, she might propose them in the future.

Annika was not able to join the call but sent an email that she would present initial results of her statistical error estimation work during the February call. Annika and Olivia had a call in December to design the initial analysis methodology.

Next call: Tuesday February 6, 10:00 EST / 15:00 GMT / 16:00 CET