

This paper improves our understanding of the role of soil moisture in ozone deposition variability, while offering a new tool to assess how this connection changes into the future with climate and shifts in anthropogenic emissions. It is a good fit for ACP that moves the science forward. The sole remaining suggestion that I have is unrelated to the manuscript's conceptual basis, core arguments or evidentiary support. Acknowledging that the authors have already improved the figures in this revision, I believe there are some places where the figures would be more effective, and more accessible, if the numbers/text were made larger (for example, the right-side colorbars for Figs 2-4 and 14,15). More broadly, the authors have been thorough in addressing my concerns with the original draft, and I believe that this version is acceptable for publication in its current form.