

Michael F. Wehner

Publications

In Review:

Julio Bacmeister, Alyssa Stansfield, Kevin Reed, Colin Zarzycki, Ping Chang, Dan Fu, Michael Wehner, Malcolm Roberts, Karthik Balaguru, Monica Morrison, Nan Rosenbloom, Susan Bates (2024) Projecting global and regional changes in tropical cyclones and their potential impacts. Chapter 12 in “Tropical Cyclones and Associated Impacts: A Global Perspective”, Gabriele Villarini, Enrico Scoccimarro, Gabriel A. Vecchi, editors. In review

David R. Easterling, Kenneth E. Kunkel, Allison R. Crimmins, Michael F. Wehner (2024) Long Term Planning Requires Climate Projections Beyond 2100, revision submitted to *Nature Climate Change*.

Robinson Negron-Juarez, Michael Wehner, Maria Assunção F. Silva Dias, Paul Ullrich, Jeffrey Q. Chambers, William J. Riley (2024) CMIP6 HighResMIP Bias in Extreme Rainfall Drives Underestimation of Amazonian Precipitation Patterns. Revision submitted to *Environmental Research Letters*

David Miller, Patrick Young, Behdad Kiani, Donald Brooks, Michael Wehner (2023) Quantifying the Impact of Climate Change on Electric Grid Reliability Using Historical Weather Data Perturbed by Ensemble Averaged CMIP6 Data, submitted to Proceedings of 2024 IEEE Power & Energy Society General Meeting (PESGM)

Xue Li, Michael Wehner, David Judi, Robert Hetland (2024) The Influence of Climate Change on Flooding and Social Inequalities from Remnants of Hurricane Ida. In review *Communications Earth & Environment*.

Likun Zhang, Mark D. Risser, Michael F. Wehner, Travis A. O'Brien (2024) Explaining the unexplainable: leveraging extremal dependence to characterize the 2021 Pacific Northwest heatwave, revision submitted to *Journal of Agricultural, Biological, and Environmental Statistics*. Preprint available at <https://arxiv.org/abs/2307.03688>.

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Michael F. Wehner (2023) The Science of Extreme Event Attribution: How Climate Change Is Fueling Severe Weather Events, written testimony to the United States Senate Committee on the Environment and Public Works.

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