

# The Extreme Weather - Climate Gap: The Intersection of Extremes, Vulnerability and Risk

Dr. J. Marshall Shepherd

Friday, October 28, 2022 3:30 - 5:00 pm via Zoom

**Abstract:** Studies continue to confirm that the “DNA” of climate change is present in today’s extreme weather events. The frequency and intensity of heatwaves, rainstorms, hurricanes, and drought is changing. While everyone is exposed, certain populations are disproportionately vulnerable to these extreme weather events. Dr. Shepherd will discuss the intersection of climate change, extreme weather, risk, and vulnerability from multiple lenses including current events, the scientific literature, and his own research portfolio.



Dr. J. Marshall Shepherd is a leading international weather-climate expert and a Distinguished Professor of Geography and Atmospheric Sciences at the University of Georgia (UGA). Dr. Shepherd was the 2013 President of the American Meteorological Society (AMS). In 2021, he was elected to the National Academy of Sciences (NAS), the National Academy of Engineering, and the American Academy of Arts and Sciences. He is frequently sought as an expert on weather, climate, and remote sensing and has served on NAS panels on climate and national security, extreme weather attribution, and urban meteorology.

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