

Rapid adjustments of precipitation to climate forcings - are they real and what can we learn from them?

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The concepts of rapid adjustment to forcing has been found to be useful for understanding how globally averaged precipitation responds in idealized experiments, but are these useful concepts at a regional scale and could they ever be observed? This presentation will look at regional CMIP5 analyses, detecting signals in the observed record and examining extreme precipitation indices in the CMIP5 archive.