

Solar Forcing of Industrial Era Climate Change

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The latest IPCC Assessment reported that solar forcing has played a relatively minor role in driving global mean climate change during the industrial era, while noting that solar forcing may have nevertheless contributed substantially to regional changes. I will present the rationale for some of those primary conclusions as well as the role of solar forcing over various shorter intervals within the modern era. Finally, I will discuss ongoing research examining the impact of solar forcing on atmospheric dynamical variability and the mechanisms that underlie these impacts.