Abstract Details

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 - Title: Multi-scale response of climate to the 11-yr solar activity

Abstract:

Whether climate is influenced by the solar activity has been a debata issue, partly due to small or inconsistent correlations between the so climate time series. Subharmonic response of a simple nonlinear syst multi-scale forcing helps us to understand the complicated yet detect nonstationary solar footprints in climate, which may result in insignifi solar-climate correlation. Solar-modulated seasonal forcing is respons most decadal-centennial variability and some interannual variability in climate (e.g., SST). Different regional climate responses to the same activity depend on the magnitude of the annual forcing and internal dynamics that is season-dependent.

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