The Impact of Anthropogenic Forcing on ENSO Amplitude

Ben Goldman July 22, 2021

Climate Change

Bjerknes (1969)

El Niño

Climate Simulation

ENSO in the Future

Gap and Goal

Research Questions

signal and Noise

Ensembles: CESM1 and CESM2

R and Python tools

Role of Mentor and Student

Measuring ENSO

Measuring ENSO Intensity

ENSO is Becoming Stronger

It's not That Simple

Single Forcing Ensembles

Influence of Aerosols and Greenhouse Gasses

Correlation With Ocean Temperature

Stratification

Stratification in Other Ensembles

References

Bjerknes, J. (1969). Atmospheric teleconnections from the equatorial pacific. *Monthly Weather Review*, 97(3):163–172.

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