

# The Impact of Anthropogenic Forcing on ENSO Amplitude

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Ben Goldman

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# Introduction

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# ENSO in the Future

# Gap and Goal

# Research Questions



## **Data and Methods**

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## Ensembles: CESM1 and CESM2



# 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 in Other Ensembles

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

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