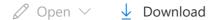
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## **Abstract Details**

## AOGS 1st Annual Meeting > Non-linear Geophysics > ENSO Nonlinearity >

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Organization: Florida State University

Category: Non-linear Geophysics

**Paper ID:** 57-ONL-A1766

Title: ENSO Nonlinearity

**Abstract:** 

Describing ENSO as a damped linear oscillator perturbed by stochast forcing is becoming one of the prevailing views of ENSO. Some obser evidence is presented to illustrate that nonlinear dynamics process of should not be neglected and it does play an essential role in generati significant asymmetry in the ENSO cycle. The nonlinear rectification of projects significantly on the interdecadal climate variability in the trop Pacific. Nonlinear scenarios that allow large amplitude modulations of are also explored with discussions on the possible nonlinear feedback between the decadal changes in climate state and ENSO activity. The

of weather noise will be also addressed.

Presentation Mode: Oral

**Keywords:** El Nino, Nonlinearity

Status: Pending.

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