Welcome!

Please join us for the next ATOC Colloquium on **Friday, Feb. 28** from **11:00 AM–12:00 PM,** which will be held in **SEEC S228 and simulcast over Zoom**. This week's colloquium features **from Dr. Antonietta Capotondi (NOAA PSL).** Please join us for conversation beginning at 10:45 AM and stay for lunch afterwards.

Understanding Tropical Pacific Decadal Variability

Naturally occurring variations in the tropical Pacific at decadal timescales are associated with large-scale changes in sea surface temperature, ocean heat content and atmospheric circulation, resulting in global impacts of large societal relevance. Understanding the processes responsible for tropical Pacific decadal variability is needed to assess its predictability and improve decadal predictions. Such understanding is also needed to disentangle naturally-occurring variations from anthropogenically-forced signals. This presentation will review our state of knowledge of both oceanic and atmospheric processes involved in tropical Pacific decadal variability, highlighting recent progress. Simple dynamical and statistical models are used to identify the most critical processes. Outstanding questions and promising ways forward will also be discussed.

Location: SEEC S228 & Zoom
Zoom:
https://cuboulder.zoom.us/j/4713174822
Password: ATOC

About the ATOC Colloquium

The Department of Atmospheric and Oceanic Sciences (ATOC) Colloquium is typically held **every other Friday** from **11:00 AM–Noon**. Colloquia alternate between the following formats: (A) Full-length talk by a faculty member or invited speaker, (B) Three conference-length talks by graduate students. If you would like to nominate a speaker (including self), please email the ATOC Colloquium Committee Chair, Prof. Jianghanyang (Ben) Li (Jianghanyang.li@colorado.edu). Please visit www.colorado.edu/atoc/colloquium for further details.