



Divecha Centre for Climate Change
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Divecha Centre for Climate Change Seminar

Title: “The El Niño – Southern Oscillation (ENSO)”

Speaker : David S. Battisti, University of Washington

Venue : Centre for Atmospheric & Oceanic Sciences (CAOS) Seminar Hall

Date : 5th November 2018.

Time : 10 : 30 am .

Abstract : El Niño – Southern Oscillation (ENSO) is the dominant source of interannual variability in climate, affecting climate over more than half the world. In this talk, I will briefly summarize the fundamental observed characteristics of ENSO and review the basic physics of ENSO – which is a true (eigenmode) of coupled atmosphere-ocean system in the tropical Pacific. I will then discuss the sources of irregularity of ENSO, the sources of asymmetry between the warm (El Niño) and cold (La Niña) phases of ENSO, and the predictability of ENSO. I will end with a brief discussion of how ENSO might change due to external forcing, such as increasing greenhouse gases.

All are Welcome