

ICTS Special Colloquium

Title : High Rainfall Events during Breaks in Monsoons: Do they weaken the mean monsoon?

Speaker : Ravi Nanjundiah, Indian Institute of Tropical Meteorology, Pune

Date : Monday, February 25, 2019

Time : 10:30 AM

Venue : Chern Lecture Hall, ICTS Campus, Bangalore

Abstract : Monsoons is the lifeline for our country. I will begin by giving a bird's eye view of the mean monsoons. Then the fluctuation of monsoon within a season (intraseasonal variations) particularly their spatio-temporal variations as seen through Multichannel Singular Spectrum Analysis (MSSA) of satellite based rainfall data will be discussed. Using longer dataset of rainfall from India Meteorological Department I will discuss the trends in intraseasonal variability and also at higher time scales (commonly known as synoptic scales). Using modelling simulations I will discuss the impact of localised high rainfall events on the mean monsoon.