



Divecha Centre for Climate Change
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Divecha Centre for Climate Change Seminar

Title: “Regional Earth System Predictions for Human Health”

Speaker : Raghu Murtugudde

University of Maryland, College Park, USA

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

Date : Tuesday,, 13th November 2018.

Time : 3 : 30 pm .

Abstract : While seasonal climate predictions still rely largely on ENSO teleconnections, impressive advances have been made in short, medium and extended range forecasts. Translating weather and seasonal forecasts to various sectoral applications for food, water, and health have shown some promise. A Regional Earth System Prediction framework includes region-specific natural-human System interactions which can be critical in determining the outcome in each sector in response to weather and climate variability and trends. Value addition in downscaling can be achieved by representing accurate regional land-ocean-atmosphere and cloud radiative processes. This discussion uses the example of a pilot implementation of the Regional Earth System Prediction to discuss the potential for health predictions and the associated data needs..

All are Welcome