



## **Climate Seminar (Online)**

**Title** : The future of heatwaves over India

**Speaker** : Krishna Achuta Rao (Indian Institute of Technology Delhi)

**Date** : Thursday, 25<sup>th</sup> May 2023

**Time** : 05:00 pm (IST)

**Abstract** : Heatwaves are fairly common in India. However, recent years have seen fairly impactful events whether it is the 2015 heatwave that killed more than 2300 people or Phalodi, Rajasthan reaching 51 degrees or the extremely hot months of March-April-May last year. There are growing concerns that heatwaves are going to get even worse with climate change and could make large parts of India too hot to live. In this talk I will look at the recent heatwaves and what we know about them. I will then discuss what some of these past heat waves might look like in a future when global mean temperatures reach 1.5°C or 2°C above pre-industrial mean. These results are based on large-ensemble model experiments from the HAPPI project and have recently been published in the journal Climatic Change.

**Venue** : **Online:** Please click the below link to join the seminar.

<https://us02web.zoom.us/j/9290331190>