



ON THE OCCASSION OF
INTERNATIONAL WOMEN'S DAY 2022

VEEKSHANA

PRESENTS

**A Talk by
Prof. Dr. Dr. Sc. Elena
Surovyatkina,**

Postdam Institute for Climatic Impact Research, Speaker
under Veekshana in ECS

**Prediction of Indian
Summer Monsoon Onset
and Withdrawal: Central
India and Delhi**

Time: Mar 8, 2022 05:30 PM IST

Join Zoom Meeting

<https://us02web.zoom.us/j/81906374681>

Meeting ID: 819 0637 4681



ABSTRACT

When will Monsoon arrive in my region? It is an essential question for everyone in India and a vital one for farmers. Why is it so difficult to answer this question? The abruptness of the Monsoon's beginning and end and its interannual variability within a month are key features of the phenomenon that makes monsoon forecasts extremely challenging. The lecture will present a perspective on how to address this challenge. I will discuss major limitations that need to accept for building the knowledge required for better prediction. I will describe the main principles of the prediction of monsoon timing and show the cases for Central India and Delhi. Special attention will be paid to climate change impact and future perspectives for extending monsoon forecasts over India and worldwide.