



# Invited Talk by Prof. Elena Surovyatkina

Potsdam Institute for Climate Impact Research, Germany &  
Space Research Institute, Russian Academy of Sciences

Jointly organised by NCMRWF, MoES & IMS, Noida Chapter



**Title:** Pushing the Limits of Forecasting Monsoon Onset and Withdrawal

**Time:** 19<sup>th</sup> October 2023 at 3:30 PM

**Venue:** NCMRWF AMBAR Auditoriam

**Meeting Link for online participants:** <https://tinyurl.com/ncmrwfmstalk1>



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service

Prof. Dr. Elena Surovyatkina, a theoretical physicist, currently holds positions at the Potsdam Institute for Climate Impact Research and the Space Research Institute of the Russian Academy of Sciences. Her academic achievements include two degrees in Statistical Physics: a Ph.D. (1996) and a Habilitation (2005) from the Russian Academy of Sciences in Moscow.

Prof. Elena's research focuses on understanding the behaviour of complex systems, particularly around critical transitions, in various fields such as natural sciences, engineering, and medicine. One of her groundbreaking contributions is in climate science, where she is developing a new approach to forecast the onset and withdrawal of Indian Summer Monsoon, contributing significantly to our understanding of the monsoon system. Her invaluable work is crucial in informing policy decisions regarding agriculture, water management, and disaster preparedness in India.



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