

# CURRICULUM VITAE

## **Dr. Barunava Mandal**

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### **Education:**

Ph.D. (Geophysics), Banaras Hindu University, 2019.

M.Sc. (Tech.) Geophysics, Banaras Hindu University, 2012.

B.Sc. (Hons.) Physics, The University of Burdwan, 2009.



### **Research Interest:**

Regional Climate Modeling

Monsoon Dynamics

Climate Extremes

### **Employment:**

Assistant Professor (Department of Geophysics, BHU since Dec. 2020 till now)

Project Scientist B (Numerical Weather Prediction Division, India Meteorological Department, New Delhi, June 2020 to Dec. 2020)

### **Awards and Achievement:**

Best present award at *Annual Monsoon Workshop 2015* and *National symposium on understanding & Forecasting Monsoon Extreme* during Feb 23-24, 2016 held at *Indian Institute of Tropical Meteorology, Pune*.

### **List of Publications:**

1. R. Bhatla, S. Ghosh, **B. Mandal**, R. K. Mall, Kuldeep Sharma (2016): “*Simulation of Indian Summer Monsoon Onset with different Parameterization Convection Scheme of RegCM-4.3*”; Atmospheric Research, **2016**, 176-177, 10-18.
2. R. Bhatla, A. K. Singh, **B. Mandal**, S. Ghosh, S. N. Pandey & Abhijit Sarkar(2016) ”*Influence of North Atlantic Oscillation on Indian Summer Monsoon Rainfall in Relation to Quasi-Biennial Oscillation*”; Pure and Applied Geophysics, **2016**, 173(8), 2969-2970.
3. R. Bhatla, **B. Mandal**, Shruti Verma, S. Ghosh and R. K. Mall”*Performance of Regional Climate Model in simulating monsoon onset over Indian subcontinent*” Pure and Applied Geophysics, **2019**, 176, 409- 420.
4. R. Bhatla, S. Ghosh and **Barunava Mandal** (2015); “*Performance of RegCM-4.3 on onset phase over India using different Convection Scheme*” *Vayumandal Journal, Bulletin of Inida meteorological Society (IMS)*. Vol 41.