Dr. DANDI A RAMU, MTech and Ph.D.



Associate Professor

Education

M.Sc (Meteorology): Andhra University, Visakhapatnam, India, 2005

M.Tech. (Atmospheric Sciences): Andhra University, India,2007

Ph.D. (Meteorology): Andhra University, India, 2017

Employment

- Scientist at Indian Institute of Tropical Meteorology (IITM), Pune, India from Jan. 2011 till April. 2023.
- Associate Professor, Centre for Earth, Ocean and Atmospheric Sciences, University of Hyderabad, Hyderabad, India, from May. 2023-till date.

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Field of Specialization:

Meteorology/Atmospheric sciences, Air-sea interactions and Climate Sciences

Research Interests:

- Indian Monsoons theory, variability and its prediction on different time & space scales
- Tropical Indo-pacific variability and global impacts
- Air-seas interactions and climate variability and prediction
- Weather and climate extremes

Awards/Recognition (include national/international renowned awards/recognition)

1. Gold Medal for Best Ph.D. thesis (2017): **"A study on the relationship between El Niño-Southern Oscillation and Indian summer monsoon variability and predictability in current generation coupled Models"**

Editorial Services

1. Reviewed around 10 research papers in different national and international journals

Selected Publications (maximum 5)

- **Dandi A Ramu**, C.T. Sabeerali, Rajib Chattopadhyay, D.N. Rao, G. George, A. R Dhakate, K. Salunke, A. Srivastava, suryachandra A Rao (2016): Indian Summer Monsoon Rainfall Simulation and Prediction Skill in the CFSv2 Coupled Model: Impact of Atmospheric Horizontal Resolution (**Journal of Geophysical Research atmospheres**, DOI: 10.1002/2015JD024629.). (**IF: 3.42**).

- **Dandi A. Ramu**, Suryachadra A. Rao, Prasanth A. Pillai, M Pradhan, G George, D Nagarguna Rao, S Mahapatra, D. S. Pai, Rajeevan M (2018)**:** Prediction of homogenous summer monsoon rainfall over India using dynamical prediction system (**Journal of Hydrology**, 546, DOI:10.1016/j.jhydrol.2017.01.010, 103–112**. (IF: 3.043).**

- G. Sripathi; **Dandi A. Ramu**; T. S. Saikrishna; K. K. Osuri; and A. S. Rao: Dynamic relationship between Indian summer monsoon rainfall and South Asian high in seasonal coupled models. **(Climate Dynamics; 2023; IF=4.6).**

- **Ramu, D.A**., Dhakate, A.R., Pillai, P.A., Sreenivas, P. and Saikrishna, T.S., 2022. Assessment of extreme seasonal rainfall over India in current seasonal coupled models during the recent period. (**Climate Dynamics; IF=4.9; 2023).**

- K. B. R. R. Hari Prasad, **Dandi A. Ramu** , Suryachandra A. Rao , Saji N. Hameed , Dhrubajyoti Samanta , and Ankur Srivastava**: R**educing Systematic Biases Over the Indian Region in CFS V2 by Dynamical Downscaling **(Earth and Space Science, 2021, IF:2.90).**