

CYCLONE WARNING RESEARCH CENTRE

Research Publications from the centre

(during the recent decades)

- ✦ 'Diagnostic analysis of two dos-à-dos extreme northeast monsoon seasons with dipolar rainfall performance' by B. Geetha and S. Balachandran, Theoretical and Applied Climatology published by Springer Nature online (DOI:10.1007/s00704-021-03528-w) in Feb 2021.
- ✦ 'Development and Rapid Intensification of Tropical Cyclone OCKHI (2017) over the North Indian Ocean' by B. GEETHA and S. BALACHANDRAN, Journal of Atmospheric Science Research, 2020, 3, 3, 13 – 22
- ✦ 'Diabatic heating and convective asymmetries during rapid intensity changes of Tropical Cyclones over North Indian Ocean' by B. GEETHA and S. BALACHANDRAN, Tropical Cyclone Research and Review, 2016, 5,1-2, 32-46
- ✦ 'TCRAIN – A database of Tropical Cyclone Rainfall products for North Indian Ocean' by S. BALACHANDRAN, B. GEETHA, K. RAMESH and N. SELVAM, Tropical Cyclone Research and Review, May 2014, 3,2, 122-129.
- ✦ 'Characterisation and Asymmetry analysis of Rainfall distribution associated with Tropical Cyclones over Bay of Bengal : NISHA (2008), LAILA (2010) and JAL(2010)' by S. BALACHANDRAN and B. GEETHA, Mausam,2014, 65, 4, 481-496.
- ✦ 'An analytical study of Easterly Wave activity over Peninsular India during Northeast Monsoon 2010' by S. BALACHANDRAN and B. GEETHA, Mausam, 2014, 65, 4, 591-602.
- ✦ 'Decadal variations in translational speed of cyclonic disturbances over North Indian Ocean' by S. BALACHANDRAN and B. GEETHA, Mausam, 2014, 65, 1, 115-118.

- ✦ 'Barotropic Energetics Analysis of Tropical Cyclone Khaimuk' by S. Balachandran, *Mausam*, 2013, 64,1, 49-58.
- ✦ 'Statistical Prediction of Seasonal Cyclonic Activity over the North Indian Ocean' by S. Balachandran and B. Geetha, *Mausam*, 2012, 63,1, 17-28.
- ✦ 'Relation between pressure defect and maximum wind in the field of a Tropical cyclone – Theoretical derivation of proportionally constant based on an idealised surface pressure model' by Y.E.A.Raj – *Mausam*, 2010, 61,3, 291-316.
- ✦ 'Signatures of Northeast Monsoon Activity and Passage of Tropical Cyclones in the Integrated Precipitable Water Vapour estimated through GPS technique' by S. Balachandran and B. Geetha – *Mausam*, 2010, 61,3, 346-360.
- ✦ 'Asymmetric structure of a severe cyclonic storm of North Indian Ocean as derived through INSAT OLR data' by Y.E.A.Raj, A.Muthuchami and RM.A.N.Ramanathan – *Mausam*, 2007, 58,4, 481-500.
- ✦ 'Role of cyclonic systems in excess and deficit monsoon years in India' by A. Muthuchami and S. Sridharan – *Mausam*, 2005, 56,4, 851-856.
- ✦ 'Climatology of cyclonic disturbances over Lakshadweep islands' by S. Natarajan, B. Ramakrishnan, Santosh Arora and P. A. Subadra – *Mausam*, 2004, 55,1, 705-711.
- ✦ 'Some aspects of Gopalpur cyclone of October 1999' by S. Sridharan and A. Muthuchami – *Mausam*, 2002, 53,1, 99-105.
- ✦ 'Some salient features of the Bay of Bengal super cyclonic storm of October 1999' by S. Sridharan and A. Muthuchami – *Mausam*, 2002, 53,2, 237-241.