

LIST OF RESEARCH PAPERS

1. "Drought in districts of India during the recent all India normal monsoon years and its probability of occurrence", MAUSAM, 54, 2, 2003, 542-545. P. Guhathakurta
2. "Extreme Rainfall Analysis Of Andhra Pradesh Using A Probability Distribution Model : A Regional Estimate", MAUSAM, 56,4,2005, 785-794. P. Guhathakurta , P. A. Menon, S. K. Dikshit and S. T. Sable
3. "Rainfall network of India and the recent rainfall normals", Indian J of Power and River Valley development, 56, 11&12, 2006, 254-259. P. Guhathakurta
4. . "Highest recorded point rainfall over India", Weather, December 2007, Vol. 62, No. 12. P. Guhathakurta
5. "Trends in rainfall pattern over India" International J. of Climatology, 28: 1453–1469 , 2008. P. Guhathakurta and M. Rajeevan
6. "Impact of climate changes on extreme rainfall events and flood risk in India", J. Earth System Science. 120, No. 3, 359-373, P. Guhathakurta, O P Sreejith and P A Menon.
7. "Climatology at any point : A neural network solution", Mausam, 642, 2013, 231-250, P. Guhathakurta, A. Tyagi and B. Mukhopadhyay.
8. "Detecting changes in rainfall pattern and seasonality index vis-à-vis increasing water scarcity in Maharashtra", J Earth Syst. Sci. 122, 3, 2013 , 639-649, Pulak Guhathakurta¹ and Elizabeth Saji,

NCC RESEARCH REPORT

1. Trends in the Rainfall pattern over India
2. Changes in Extreme Rainfall events and Flood risk in India during last century
3. New Rainfall Series of Districts, Meteorological Sub-divisions and country as a whole of India
4. Trends and Variability of monthly, seasonal and annual rainfall for the districts of Maharashtra and Spatial Analysis of seasonality Index in identifying the changes in rainfall regime