

BIBLIOGRAPHY

1. Abeysekera, A. B., Punyawardena, B. V. R., Marambe, B., Jayawardena, I. M., Wickremasinghe, V. N., Senarathna, S. D. and Wijerathna, W. M., 2019. Effect of El Niño Southern Oscillation (ENSO) events on inter-seasonal variability of rainfall in wet and intermediate zones of Sri Lanka. *Trop Agric*, 167, pp.14-27.
2. Acharya, N., Kar, S. C., Kulkarni, M. A., Mohanty, U. C. and Sahoo, L. N., 2011. Multi-model ensemble schemes for predicting northeast monsoon rainfall over peninsular India. *Journal of earth system science*, 120(5), pp.795-805.
3. Achyuthan, H., 2021. Middle to late Holocene alluvial history of the northeast monsoon dominated coastal tropical rivers of south India. *Quaternary International*, <https://doi.org/10.1016/j.quaint.2021.09.012>.
4. Amudha, B., 2016, Characteristics of Indian northeast monsoon and cyclonic storms of north Indian Ocean observed through modern meteorological observing systems, Ph.D Thesis, University of Madras. pp.245.
5. Amudha, B., Raj, Y. E. A., Asokan, R. and Thampi, S. B., 2016 a. Spatial rainfall patterns associated with Indian northeast monsoon derived from high resolution rainfall estimates of Chennai DWR. *MAUSAM*, 67(4), 767-788.
6. Amudha, B., Raj, Y.E.A. and Asokan, R., 2016 b. Spatial variation of clouding/rainfall over southeast Indian peninsula and adjoining Bay of Bengal associated with active and dry spells of northeast monsoon as derived from INSAT OLR data. *MAUSAM*, 67(3), 559-570.
7. Asokan, R and Balachandran, S., 2008. A pre-monsoon precursor for foreshadowing of northeast monsoon rainfall over Tamilnadu, *MAUSAM*, 59, 4, 445-452.
8. Balachandran, S., Pai, D. S. and Prasad, S. K., 1998. Some features of an inverted V-type easterly wave over Indian seas. *MAUSAM*, 49(2), 266-268.

9. Balachandran, S., Asokan, A., Sridharan, S., 2006. Global surface temperature in relation to northeast monsoon rainfall over Tamil Nadu. *J. Earth Syst. Sci.*, 115: 349-362
10. Berry, G. J. and Thorncroft, C., 2005. Case study of an intense African easterly wave. *Monthly Weather Review*, 133(4), 752-766.
11. Bhate, Jyoti, A. Kesarkar, V. P. M. Rajasree, 2019. Simulation of the diurnal cycle of rainfall during Indian summer monsoon season using mesoscale model, *Theor. App. Climat.*, 138, 185-200.
12. Burpee, R. W., 1974. Characteristics of North African easterly waves during the summers of 1968 and 1969. *Journal of Atmospheric Sciences*, 31(6), 1556-1570.
13. Cangialosi, J. P., Blake, E., DeMaria, M., Penny, A., Latta, A., Rappaport, E. and Tallapragada, V., 2020. Recent progress in tropical cyclone intensity forecasting at the National Hurricane Center. *Weather and Forecasting*, 35(5), 1913-1922.
14. Chakraborty, A., 2016. A synoptic-scale perspective of heavy rainfall over Chennai in November 2015, *Current Science*, 111, 201-207.
15. Chakraborty, P., Sarkar, A., Kumar, S., George, J. P., Rajagopal, E. N. and Bhatla, R., 2020. Assessment of NCMRWF Global Ensemble System with differing ensemble populations for Tropical cyclone prediction. *Atmospheric research*, 244, p.105077.
16. Dash, Y., Mishra, S.K. and Panigrahi, B.K., 2019. Predictability assessment of northeast monsoon rainfall in India using sea surface temperature anomaly through statistical and machine learning techniques. *Environmetrics*, 30(4), p.e2533.
17. De, U. S. and Mukhopadhyay, R. K., 1999. The effect of ENSO/Anti ENSO on northeast monsoon rainfall. *MAUSAM*, 50(4), 343-354.
18. Deshpande, M., Johny, C. J., Kanase, R., Tirkey, S., Sarkar, S. Goswami, T., Roy, K., Ganai, M., Krishna, R. P. M., Prasad, V. S., Mukhopadhyay, P., Durai, V. R.,

- Nanjundiah, R. S. and Rajeevan, M., 2020, Implementation of Global Ensemble Forecast System (GEFS) at 12 km Resolution, ISSN 0252-1075, IITM Technical Report No.TR-06, ESSO/IITM/MM/ TR/02(2020)/200
19. Dhar, O. N., Rakhecha, P. R., 1983. Forecasting northeast monsoon rainfall over Tamil Nadu, India. *Mon. Weather Rev.* 111, 109–112.
 20. Domroes, M. and Ranatunge, E., 1992. The orthogonal structure of Monsoon rainfall variation over Sri Lanka. *Theoretical and applied climatology*, 46(2), pp.109-114.
 21. Doraiswamy, Iyer V., 1941, Forecasting of northeast monsoon rainfall of south Chennai, India Met. Dep., Sci. Notes, 8, 98.
 22. Dunn, G. E., 1940. Cyclogenesis in the tropical Atlantic. *Bulletin of the American Meteorological Society*, 21(6), 215-229.
 23. Gadgil, S., Joseph, P. V., Joshi, N. V., 1984. Ocean-atmosphere coupling over monsoon regions. *Nature*, 312: 141-143.
 24. Gadgil, S., Joseph, P. V., 2003. On breaks of the Indian monsoon, *Proceedings of the Indian Academy of Sciences–Earth and Planetary Sciences*, 112(4): 529-558.
 25. Gasper, S. 1962. On the intensity and area' coverage of the northeast monsoon rains in the districts of Madras State. *IJMG Vol.13 No.2*, pp.183-194. 16.
 26. George, C.J. 1962. Rainfall peaks over West coast and East coast of Peninsular India. *IJMG Vol.13 No.1*, pp.1-14. 17.
 27. George, C. J. and Vasudevan, V. K., 1963. Some Features of the rainfall over a belt in the Madras State. *IJMG Vol.14 No.2* pp.190-195.
 28. Geetha, B. and Raj, Y. E. A., 2011. Indian northeast monsoon as a component of Asian winter monsoon and its relationship with large scale global and regional circulation features, Ph.D Thesis of Geetha B, University of Madras.

29. Geetha, B. and S. Balachandran, 2014 a. An analytical study of easterly waves over Southern Peninsular India during the Northeast monsoon of 2010, *MAUSAM*, 65, 4, 591-602.
30. Geetha, B. and Raj, Y. E. A., 2014 b. Spatial patterns of Northeast Monsoon rainfall over sub-regions of Southern Peninsular India and Sri Lanka as revealed through Empirical Orthogonal Function analysis. *MAUSAM*, 65(2), 185-204.
31. Geetha, B. and S. Balachandran, 2020. Development and Rapid Intensification of Tropical Cyclone OCKHI (2017) over the North Indian Ocean, *Journal of Atmospheric Science Research*, DOI: <https://doi.org/10.30564/jasr.v3i3.2177>
32. Geetha, B. and Balachandran, S., 2021. Diagnostic analysis of two dos-à-dos extreme northeast monsoon seasons with dipolar rainfall performance. *Theoretical and Applied Climatology*, 144, 675-690.
33. Geetha, B., K. Ramesh, R. V. Deepa, Y. P. Mourya, S. Balachandran, K. Santosh, S. Stella, Geeta Agnihotri and K. Nagaratna, 2022. Report on Northeast Monsoon – 2021, IMD Chennai Scientific Report No. IMDC-SR/12, 62pp.
34. Goswami, B. N., 2005. Intraseasonal variability (ISV) of south Asian summer monsoon. In *Intraseasonal Variability of the Atmosphere – Ocean Climate System*, Lau K, Waliser D (eds). pp. 19–61, DOI: 10.1007/3-540-27250-X 2. Springer – Praxis: Chichester, UK.
35. Hersbach, H., Bell, B., Berrisford, P., Hirahara, S., Horányi, A., Muñoz-Sabater, J., Nicolas, J., Peubey, C., Radu, R., Schepers, D. and Simmons, A., 2020. The ERA5 global reanalysis. *Quarterly Journal of the Royal Meteorological Society*, 146(730), 1999-2049.
36. Hess, S. L., *Introduction to Theoretical Meteorology*. 1959. New York, NY: Holt Rinehart and Winston

37. India Meteorological Department, Srinivasan, V., and K. Ramamurthy, 1973. Northeast monsoon. Comprehensive articles on selected topics, India Meteorological Department Forecasting Manual Rep. 18.4, Vol. 4.
38. India Met. Dep. (IMD), 2008. Forecaster's Guide, 86-88.
39. India Met. Dep., 1987, Report of 10th conference of forecasting officers, pp.43-46.
40. India Met. Dep., 2006, Report of Annual Monsoon Review meeting, pp137-139.
41. Jangir, B., Swain, D. and Ghose, S.K., 2021. Influence of eddies and tropical cyclone heat potential on intensity changes of tropical cyclones in the North Indian Ocean. *Advances in Space Research*, 68(2), 773-786.
42. Jayanthi, N. and Govindachari, S., 1999, El Nino and northeast monsoon rainfall over Tamil Nadu, *MAUSAM*, 50, 2, 217-218.
43. Jayawardena, W., M. Fernando and DUJ Sonnadara, 2014. Satellite observations of Lightning Activities over Sri Lanka, Proceedings of the Technical Sessions, 30 (2014) 61-66 Institute of Physics – Sri Lanka.
44. Jyothi, L., Joseph Sudheer, and P. Suneetha. 2020. Role of Environmental Factors in Rapid Intensification and Weakening of Cyclone Ockhi (2017), *Earth and Space Science Open Archive ESSOAr*.
45. Jury, M. R., Pathack, B., Campbell, G., Wang, B. and Landman, W., 1991. Transient convective waves in the tropical SW Indian Ocean. *Meteorology and Atmospheric Physics*, 47(1), 27-36.
46. Khole, M. and De, U.S., 2003, A study on northeast monsoon rainfall over India, *MAUSAM*, 54, 2, 419-426.
47. Koteswara Rao, K., Ashwini Kulkarni, Savita Patwardhan, B. Vinodh Kumar, T. V. Lakshmi Kumar, 2020. Future changes in precipitation extremes during northeast monsoon over south peninsular India, *Theor. Appl Climatology*, 142, 205-217.

48. Kripalani, R. H. and Kumar, P., 2004. Northeast monsoon rainfall variability over south peninsular India vis-à-vis the Indian Ocean dipole mode. *International Journal of Climatology: A Journal of the Royal Meteorological Society*, 24(10), 1267-1282.
49. Krishna Kumar, K., K. Rupa Kumar, R. G. Ashrit, N. R. Deshpande, and J. W. Hansen, 2004. Climate impacts on Indian agriculture. *Int. J. Climatol.*, 24, 1375-1393, <https://doi.org/10.1002/joc.1081>.
50. Krishna Rao, P. R., 1953. Rainfall of Madras State with special reference to Tamil Nadu and Rayalaseema. *Memoirs of the IMD Vol.XXX Part I*.
51. Krishna Rao, P. R. and Jagannathan, P., 1953. A study of the northeast monsoon rainfall of Tamil Nadu. *IJMG Vol.4, No.1*, pp.22-44.
52. Krishna Rao, P. R., 1958. The Indian Northeast monsoon in relation to the general circulation - Symposium on "Monsoons of the World", New Delhi, p. 89.
53. Kumar, P., Rupa Kumar, K., Rajeevan, M., Sahai, A. K., 2007. On the recent strengthening of the relationship between ENSO and northeast monsoon rainfall over South Asia. *Clim. Dyn.* 8: 649-660.
54. Lau, K. M., Wu, H. T. and Bony, S., 1997. The role of large-scale atmospheric circulation in the relationship between tropical convection and sea surface temperature. *Journal of Climate*, 10(3), 381-392.
55. Liebmann, B. and Smith, C. A., 1996. Description of a complete (interpolated) outgoing longwave radiation dataset. *Bulletin of the American Meteorological Society*, 77(6), 1275-1277.
56. Maharana, P., Kumar, D., Rai, P., Tiwari, P. R. and Dimri, A. P., 2022. Simulation of Northeast Monsoon in a coupled regional model framework. *Atmospheric Research*, 266, p.105960.
57. Malurkar, S. L., 1932s. On the extreme dryness observed at Kodaikanal during the winter months. *I.Met.D. Sc. Note Vol.IV No. 43*.

58. Malurkar, S. L. and Desai, B. N., 1943. Notes on forecasting weather in India. IMD Tech. Note No.I.
59. Manas Roshan, 2019. Cyclone Ockhi Disaster risk management and sea safety in the Indian marine fisheries sector, FAO, United Nations. FAO ISBN 978-92-5-131225-4.
60. Mishra, V. and Amit Bharadwaj, 2019, Defining the Northeast Monsoon of India, Mon. Wea. Review, Vol. 147, 791-808, [https://doi.org/ 10.1175/MWR-D-18-0287.1](https://doi.org/10.1175/MWR-D-18-0287.1).
61. Mitra, A. K., A. K. Bohra, M. Rajeevan and T. N. Krishnamurti, 2009. Daily Indian precipitation analyses formed from a merged of rain-gauge with TRMM TMPA satellite derived rainfall estimates, J. of Met. Soc. of Japan, 87A, 265-279.
62. Mohapatra, M. and Adhikary, S., 2011. Modulation of cyclonic disturbances over the north Indian Ocean by Madden-Julian oscillation. *MAUSAM*, 62(3), 375-390.
63. Mohapatra, M., Nayak, D. P., Sharma, R. P. and Bandyopadhyay, B. K., 2013. Evaluation of official tropical cyclone track forecast over north Indian Ocean issued by India Meteorological Department. *Journal of Earth System Science*, 122(3), 589-601.
64. Mohapatra, M., Nayak, D. P., Sharma, M., Sharma, R. P. and Bandyopadhyay, B. K., 2015. Evaluation of official tropical cyclone landfall forecast issued by India Meteorological Department. *Journal of Earth System Science*, 124(4), 861-874.
65. Mondal, P. and Chaudhuri, S., 2022. Temporal variability in the withdrawal phase of southwest monsoon over India and related consequences in northeast monsoon: a climatological perspective. *Theoretical and Applied Climatology*, 148(3), 1021-1034.
66. Mukhopadhyay, P., Bechtold, P., Zhu, Y., Murali Krishna, R. P., Kumar, S., Ganai, M., Tirkey, S., Goswami, T., Mahakur, M., Deshpande, M. and Prasad, V. S., 2021. Unraveling the mechanism of extreme (More than 30 sigma) precipitation

during august 2018 and 2019 over Kerala, India. *Weather and Forecasting*, 36(4), pp.1253-1273.

67. Nageswara Rao, M. M., M. C. Sannan and U. C. Mohanty, 2019. Characteristics of various rainfall events over South Peninsular India during northeast monsoon using high-resolution gridded dataset (1901–2016), *Theor Appl. Climatology*, **137**, 2573-2593.
68. Naidu, C. V., Satyanarayana, G. C., Durgalakshmi, K., Rao, L. M., Mounika, G. J. and Raju, A.D., 2012. Changes in the frequencies of northeast monsoon rainy days in the global warming. *Global and Planetary Change*, 92, 40-47.
69. Nair, A., Acharya, N., Singh, A., Mohanty, U. C. and Panda, T. C., 2013. On the predictability of northeast monsoon rainfall over south peninsular India in general circulation models. *Pure and Applied Geophysics*, 170(11), 1945-1967.
70. Nisansala, W. D. S., Abeysingha, N. S., Islam, A. and Bandara, A. M. K. R., 2020. Recent rainfall trend over Sri Lanka (1987–2017). *International Journal of Climatology*, 40(7), pp.3417-3435.
71. Omvir Singh and Pankaj Bhardwaj, 2017. Spatial and temporal variations in the frequency of thunderstorm days over India, *Weather*, <https://doi.org/10.1002/wea.3080>.
72. Pai, D. S., M. Rajeevan, O. P. Sreejith, B. Mukhopadhyay, N. S. Sathbai, 2014. Development of a new high spatial resolution (0.25 X 0.25) long period (1901-2010) daily gridded rainfall data set over India and its comparison with existing data sets over the region, *Mausam*, vol. 65, no. 1, pp. 1-18.
73. Parvathi, V., I. Suresh, M. Lengaigne, T. Izumo, and J. Vialard, 2017. Robust projected weakening of winter monsoon winds over the Arabian Sea under climate change. *Geophys. Res. Lett.*, 44, 9833-9843.

74. Pattanaik, D. R. and Mohapatra, M., 2017. Active northeast monsoon over India during 2015—an assessment of real-time extended range forecast. *Current Science*, 2253-2262.
75. Prakash, S. and Gairola, R. M., 2013. Relationship between northeast monsoon rainfall and near-surface atmospheric wind convergence over the North Indian Ocean using multisatellite data. *Natural hazards*, 68(2), 763-774.
76. Prasanna, K., Singh, P., Chowdary, J. S., Naidu, C. V., Parekh, A., Gnanaseelan, C. and Dandi, R., 2019. Northeast monsoon rainfall variability over the southern Peninsular India associated with multiyear La Niña events. *Climate Dynamics*, 53(9), 6265-6291.
77. Prasanna, K., Vinay Kumar, P. and Naidu, C. V., 2020. Precursors of northeast monsoon rainfall variability during extreme epochs of the global warming era. *Meteorological Applications*, 27(2), p.e1894.
78. Prasanna, K., Chowdary, J. S., Singh, P., Chiranjeevi, D., Naidu, C. V., Parekh, A. and Gnanaseelan, C., 2021. Assessment of APCC models fidelity in simulating the Northeast monsoon rainfall variability over Southern Peninsular India. *Theoretical and Applied Climatology*, 144(3), 931-948.
79. Rai Sarcar, N. C., Jayaraman, S. and Srinivasan, T. R., 1968. A study of wind distribution and associate© dry or wet weather probability over Madras during Monsoon and post-monsoon months. IMD Pre-published Sc. Report No. 57.
80. Rai Sircar, N. C., Jayaraman, S. and Srinivasan, T. R., 1968. Isohyetal patterns over south India in relation to the locations of various storms/depressions of the Bay striking east peninsular coast during the post-monsoon season. *IJMG Vol.19, No.3*, pp.305-310.
81. Rai Sircar, N. C., Jayaraman. S. and Srinivasan, T. R., 1969. A study of wind distribution and associated dry or wet weather probability over Madras during monsoon and post-monsoon months. *IJMG Vol.20, No.3*, pp.267-270.

82. Raj, Y.E.A., 1989, Statistical relations between winter monsoon rainfall and the preceding summer monsoon, *MAUSAM*, 40, 1, 51-56.
83. Raj, Y. E. A., 1996, Inter and intra seasonal variation of thermodynamic parameters of the atmosphere over coastal Tamil Nadu during northeast monsoon season, *MAUSAM*, 47, 3, 259-268.
84. Raj, Y. E. A., 1998a, A scheme for advance prediction of northeast monsoon rainfall of Tamil Nadu, *MAUSAM*, 49, 2, 247-254.
85. Raj, Y. E. A., 1998b, A statistical technique for determination of withdrawal of northeast monsoon over coastal Tamilnadu, *MAUSAM*, 49, 3, 309-320.
86. Raj, Y. E. A., 1992. Objective determination of northeast monsoon onset dates over coastal Tamil Nadu for the period 1901-90, *MAUSAM*, 43, 273-282.
87. Raj, Y. E. A., 2003. Onset, withdrawal and intra-seasonal variation of northeast monsoon over coastal Tamil Nadu, 1901-2000, *MAUSAM*, 3, 605-614,
88. Raj, Y. E. A., Asokan, R. and Revikumar, P.V., 2007, Contrasting movement of wind based equatorial trough and equatorial cloud zone over Indian southern peninsula and adjoining Bay of Bengal during the onset phase of northeast monsoon, *MAUSAM*, 58,1,33-48.
89. Raj, Y. E. A. and Geetha, B., 2008. Relationship between Southern Oscillation Index and Indian northeast monsoon as revealed in antecedent and concurrent modes, *MAUSAM*, 59, 15-34.
90. Raj, Y. E. A., 2012. INDIAN NORTHEAST MONSOON, In *Monsoon Monograph*, Vol. 1, Edited by Ajit Tyagi, G. C. Asnani, U. S. De, H. R. Hatwar and A. B. Mazumdar, 606-670.
91. Raj Y. E. A. and Amudha, B., 2022. Extent of diurnal cycle of rainfall and its intraseasonal variation over coastal Tamil Nadu during northeast monsoon season, *MAUSAM*, 73, 1, <https://doi.org/10.54302/mausam.v73i1.4984>.

92. Rajeevan, M., Gadgil, S., Bhate, J., 2010. Active and break spells of the Indian summer monsoon. *J. Earth Syst. Sci.*, 119, 229-247.
93. Rajeevan, M., C. K. Unnikrishnan, Jyoti Bhate, K. Niranjan Kumar and P. P. Sreekala, 2012. Northeast monsoon over India: variability and prediction, *Meteorol. Appl.* 19: 226-236, DOI: 10.1002/met.1322.
94. Ramakrishnan, K. P., 1940s. The rainfall in the Indian Peninsula associated with cyclonic storms from the Bay of Bengal during the post-monsoon and early winter seasons. *I. Met. D. Sc. Notes Vol.VII No. 74*, 1940.
95. Ramakrishnan, K. P. and Narayanan, J., 1953. A study of fifty years rainfall over Visakhapatnam. *Memoirs of the India Meteorological Department Vol.XXX, Part IV*.
96. Ramakrishnan, K. P., 1953. A study of fifty years' rainfall of Madras city. *IJMG Vol.4 No.2*, pp.123-144. 46.
97. Ramakrishnan, K. P. and Narayanan, J., 1953. A study of fifty years' rainfall of Nagapattinam. *IJMG Vol.4 No.4*, pp.310-338.
98. Ramakrishnan, K. P. and Ganapathiraman, G. V., 1953. Squalls in Madras. *IJMG Vol.4 No.1*, pp.103-105. 48. Ramakrishnan, K.P. and Modak, K.L. 1958: A study of fifty years' rainfall of Trivandrum. *Memoirs of I.M.D.*
99. Ramaswamy, C., 1972. The severe drought over Tamil Nadu during the retreating monsoon period of 1968 and its association with anomalies in the upper level flow patterns over the northern hemisphere. *IJMG Vol.23 No.3*, pp.303-316.
100. Ranalkar, M. R. and Chaudhari, H. S., 2009. Seasonal variation of lightning activity over the Indian subcontinent. *Meteorology and atmospheric physics*, 104(1), 125-134.

101. Ranganathan C. and K., 1965. A study of a typical case of interaction of an easterly wave with a westerly trough during the post-monsoon period, IJMG, Vol. 16, No.4, 607-616.
102. Rao, T. N., B. Radhakrishna, K. Nakamura and N. Prabhakara Rao, 2009. Differences in raindrop size distribution from Southwest monsoon to northeast monsoon at Gadanki, Quart Roy Met Society, 1630-1637, <https://doi.org/10.1002/qj.432>.
103. Rao, K. V., 1963. A study of Indian Northeast Monsoon season. IJMG Vol.14 No.2, pp.143-155.
104. Riehl, H., 1968. Tropical Meteorology, McGraw-Hill Book Co., Inc., New York, 392pp.
105. Ramamurthy, K., 1969. Monsoon of India: Some aspects of the 'break' in the Indian southwest monsoon during July and August; Forecasting Manual 1-57 No. IV 18.3, India Met. Dept., Pune, India.
106. Ramesh Reddy, T. V., Mehta, S. K., Ananthavel, A., Saleem Ali, V. Annamalai, D. Narayana Rao, 2021. Seasonal Characteristics of Sea breeze and thermal internal boundary layer over Indian east coast region, Met and Atmospheric Physics, 133, 217-232.
107. Rao, K. V., 1961. A study of the Indian Northeast Monsoon season, Ind.J. Meteor. Geophysics, 143-155.
108. Reba, R. M., D. R. Pattanaik and P. V. S. Raju, 2022. Easterly waves and ocean-atmospheric oscillations associated with contrasting northeast monsoon seasons over India, J. Earth Syst. Sci. 131:52, <https://doi.org/10.1007/s12040-021-01807-8>.
109. Ross, R. S. and Krishnamurti, T. N., 2007. Low-level African easterly wave activity and its relation to Atlantic tropical cyclogenesis in 2001. *Monthly Weather Review*, 135(12), 3950-3964.

110. Rossow, W. B. and Schiffer, R. A., 1991. ISCCP cloud data products. *Bulletin of the American Meteorological Society*, 72(1), 2-20.
111. Sabin, T. P., C. A. Babu and P. V. Joseph., 2012. SST-Convection relation over Tropical Oceans, *Int. J. Climatology*, 1424-1435, <https://doi.org/10.1002/joc.3522>.
112. Saha, K., Sanders, F. and Shukla, J., 1981. Westward propagating predecessors of monsoon depressions. *Monthly Weather Review*, 109(2), 330-343.
113. Sahany, S., Venugopal, V. and Nanjundiah, R. S., 2010. Diurnal-scale signatures of monsoon rainfall over the Indian region from TRMM satellite observations. *Journal of Geophysical Research: Atmospheres*, 115(D2).
114. Sanap, S. D., P. Priya, G. K. Sawaisarje and K. S. Hosalikar, 2018. Heavy Rainfall Events over South-East Peninsular India during North-East Monsoon: Role of El-Niño and Easterly Wave Activity, *Int J Climatology*, DOI: 10.1002/joc.5926.
115. Sanap, S. D., Mohapatra, M., Ali, M. M., Priya, P. and Varaprasad, D., 2020. On the dynamics of cyclogenesis, rapid intensification and recurvature of the very severe cyclonic storm, Ockhi. *Journal of Earth System Science*, 129(1), 1-13.
116. Sarkar, A., P. Chakraborty, John P. George and E. N. Rajagopal, 2016. Implementation of Unified Model based Ensemble Prediction System at NCMRWF (NEPS), NCMRWF Report NMRF/TR/02/2016, https://www.ncmrwf.gov.in/Reports-eng/NMRF_TR2_2016.pdf.
117. Satyanarayana, G. C., Naidu, C. V., Rao, D. V. B., Umakanth, N. and Naveena, N., 2020. Onset and northeast monsoon over south peninsular India, *Mausam*, 71, 3, <https://doi.org/10.54302/mausam.v71i3.51>.
118. Sengupta, A. and Nigam, S., 2019. The northeast winter monsoon over the Indian subcontinent and Southeast Asia: Evolution, interannual variability and model simulations. *Journal of Climate*, 32(1), 231-249.

119. Shanmugasundaram, J., Lee, E. and Srinivasan, G., 2018. Characterizing pentad rainfall variations during the North-East Indian monsoon season over the southeastern peninsular India. *Int Journal of Climatology*, 38, 1044-1060.
120. Singh, P., Gnanaseelan, C. and Chowdary, J. S., 2017. North-East monsoon rainfall extremes over the southern peninsular India and their association with El Niño. *Dynamics of Atmospheres and Oceans*, 80, 1-11.
121. Singh, O. P., 1995, Influence of Bay of Bengal on winter monsoon rainfall, *MAUSAM*, 46, 3,307-312.
122. Singh Vineet Kumar, M. K. Roxy and Medha Deshpande, 2020. The unusual long track and rapid intensification of very severe cyclone Ockhi, *Current Science*, Vol. 119, NO. 5, 10 SEPTEMBER, 771-779.
123. Somenath Dutta, D. M. Rase, and Sunitha Devi, 2016. A diagnostic study on the energetic aspects of weak/strong spell of northeast monsoon, *MAUSAM*, 67, 2, 493-498.
124. Sreekala, P. P., Rao, S. and Rajeevan, M., 2012. Northeast monsoon rainfall variability over south peninsular India and its teleconnections. *Theoretical and applied climatology*, 108(1), 73-83.
125. Sreekala, P. P., S. Vijaya Bhaskara Rao, K. Rajeevan, M. S. Arunachalam, 2018. Combined effect of MJO, ENSO and IOD on the intraseasonal variability of northeast monsoon rainfall over south peninsular India, *Climate Dynamics*, <https://doi.org/10.1007/s00382-018-4117-3>.
126. Sridharan, S. and Muthuchami, A., 1990, Northeast monsoon rainfall in relation to El Nino, QBO and Atlantic hurricane frequency, *Vayumandal*, 20, 3-4, 1.08-1.11.
127. Srivastava, A. K., M. Rajeevan, and S. R. Kshirsagar, 2009. Development of a high resolution daily gridded temperature data set (1969–2005) for the Indian region. *Atmos. Sci. Lett.*, 10, 249-254. <https://doi.org/10.1002/asl.232>.

128. Subbaramayya, I., 1976. The North-east monsoon and the causes of the winter rains of South-east India, *Meteorological Magazine*, 106, P 153.
129. Suneetha, P., Latha, P., Ramalingeswara Rao, S. and Bhanu Kumar, O. S. R. U., 2018. Influence of moisture source and sink regions on northeast monsoon rainfall. *Meteorological Applications*, 25(3), 376-383.
130. Suppiah, R., 1996. Spatial and temporal variations in the relationships between the Southern Oscillation phenomenon and the rainfall of Sri Lanka. *International Journal of Climatology: A Journal of the Royal Meteorological Society*, 16(12), pp.1391-1407.
131. Suppiah, R., 1997. Extremes of the southern oscillation phenomenon and the rainfall of Sri Lanka. *International Journal of Climatology: A Journal of the Royal Meteorological Society*, 17(1), pp.87-101.
132. Tai, K. S. and Ogura, Y., 1987. An observational study of easterly waves over the eastern Pacific in the northern summer using FGGE data. *Journal of the Atmospheric Sciences*, 44(2), 339-361.
133. Webster, P. J., V. O. Magana, T. N. Palmer, J. Shukla, R. A. Tomas, M. Yanai and T. Yasunari, 1998. Monsoons: Processes, predictability and the prospects for prediction, *J. Geophys. Res (Oceans)*, <https://doi.org/10.1029/97JC02719>.
134. Wheeler, M. C. and Hendon, H. H., 2004. An all-season real-time multivariate MJO index: Development of an index for monitoring and prediction. *Monthly Weather Review*, 132(8), 1917-1932.
135. Zubair, L. and Ropelewski, C. F., 2006. The strengthening relationship between ENSO and northeast monsoon rainfall over Sri Lanka and southern India. *Journal of Climate*, 19(8), 1567-1575.
136. Zubair, L., Siriwardhana, M., Chandimala, J. and Yahiya, Z., 2008. Predictability of Sri Lankan rainfall based on ENSO. *International Journal of Climatology: A Journal of the Royal Meteorological Society*, 28(1), pp.91-101.