

## MoES Publications 2017

	ACROSS	OSMART	PACER	SAGE	TOTAL
<b>Total no. of Publications</b>	219	82	50	49	<b>400</b>

### ACROSS

1. Abhik S., Krishna R.P.M., Mahakur M., Ganai M., Mukhopadhyay P., Dudhia J., 2017, Revised cloud processes to improve the mean and intraseasonal variability of Indian summer monsoon in climate forecast system: Part 1, **Journal of Advances in Modeling Earth Systems**, 9, DOI:10.1002/2016MS000819,1-28
2. Ali K., Trivedi D.K., Sahu S.K., 2017, Surface ozone characterization at Larsemann Hills and Maitri, Antarctica, **Science of the Total Environment**, 584-585, DOI:10.1016/j.scitotenv.2017.01.173, 1130-1137
3. Alvim D.S., Pendharkar J., Capistrano V. B., Frassoni A., Enoré D.P., Neto O.L. de M., Gutierrez E.R., Dey Choudhury A., Kubota P.Y., Silva J., Correa S.M., Nobre P., Figueroa S.N., 2017, Aerosol distribution over Brazil with ECHAM-HAM and CAM5-MAM3 simulations and its comparison with ground-based and satellite data, **Atmospheric Pollution Research**, 8, DOI:10.1016/j.apr.2017.01.008, 718-728
4. Amudha B., Raj Y. E. A., Thampi S. B., 2017, A statistical analysis of the differences between rainfall estimated by Chennai DWR and conventional rainfall data on monthly and seasonal scales during the Indian northeast monsoon season, *Mausam*, 68,2, 261-278
5. Arushi P.V., Chakraborty A., Nanjundiah R.S., 2017, Orographic control of the Bay of Bengal cold pool rainfall, **Journal of Earth System Science**, 126:111, DOI:10.1007/s12040-017-0892-1
6. Ashok K., Shamal M., Sahai A.K., Swapna P., 2017, Nonlinearities in the evolutionary distinctions between El Niño and La Niña types, **Journal of Geophysical Research**, 122, DOI:10.1002/2017JC013129, 9649-9662
7. Aslam M.Y., Krishna K.R., Beig G., Tinmaker M.I.R., Chate D.M., 2017, Diurnal Evolution of Urban Heat Island and Its Impact on Air Quality by Using Ground Observations (SAFAR) over New Delhi, **Open Journal of Air Pollution**, 6, DOI:10.4236/ojap.2017.62005,52-64
8. Aslam M.Y., Rama Krishna K., Beig G., Tinmaker M.I.R., Chate D.M., 2017, Seasonal variation of urban heat island and its impact on air-quality using SAFAR observations at Delhi, India, **American Journal of Climate Change**, 6, DOI:10.4236/ajcc.2017.62015,294-305
9. Attri S.D., 2017, Global and Regional Climate Change Perspective, **Climate Change, Resource Conservation and Sustainability Strategies**, A. Kaushik et al. (eds.), DBH Publishers and Distributors, New Delhi, ISBN: 9789384871086,1-9.
10. Attri S.D., Tiwari Suresh, Ray K., 2017, Challenges and opportunities of climate change and sustainable Agriculture: A review, **VayuMandal**,43,1,23-37.
11. Balaji B., Prabha T.V., Jaya Rao Y., Kiran T., Dinesh G., Chakravarty K., Sonbawne S.M., Rajeevan M., 2017, Potential of collocated radiometer and wind profiler observations for monsoon studies, **Atmospheric Research**, 194, DOI:10.1016/j.atmosres.2017.04.023,17-26
12. Bhalwankar R., Deshpande C.G., Kamra A.K., 2017, Breakup modes of the drops suspended in a vertical wind tunnel in presence of the horizontal electric field, **Journal of Geophysical Research**, 122, DOI:10.1002/2016JD025805, 1838-1849
13. Bhaskar V.V., Lahogaonkar S.M., 2017, Long term aerosol characterization over

- Kodaikanal, a high altitude station in South India, **Mausam**, 68(4), 738-744.
14. Bhaskar V.V., Rao P.S.P., 2017, Annual and decadal variation in chemical composition of rain water at all the ten GAW stations in India, **Journal of Atmospheric Chemistry**, 74(1), DOI:10.1007/ s10874-016-9339-3, 23-53
  15. Bhaskar V.V., Soni V.K., Panicker A.S., 2017, Long term characteristics of aerosols over Pune, central India - Effect on radiative forcing, **Mausam**, 68(1), 119-130
  16. Bhat M.A., Romshoo S.A., Beig G., 2017, Aerosol black carbon at an urban site-Srinagar, northwestern Himalaya, India: Seasonality, sources, meteorology & radiative forcing, **Atmospheric Environment**, 165, DOI:10.1016/j.atmosenv.2017.07.004, 336-348
  17. Bhavani T.S.D., Chowdary J.S., Bharathi G., Srinivas G., Prasad K.V.S.R., Deshpande A., Parekh A., Gnanaseelan C., 2017, Response of the tropical Indian Ocean SST to decay phase of La Niña and associated processes, **Dynamics of Atmospheres and Oceans**, 80, DOI:10.1016/ j.dynatmoce.2017.10.005, 110- 123
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  22. Chandrashekar V.D., Shetty A., Singh B.B., Sharma S., 2017, Spatio-temporal precipitation variability over Western Ghats and Coastal region of Karnataka, envisaged using high resolution observed gridded data, **Modeling Earth Systems and Environment**, 3, DOI:10.1007/s40808-017-0395-8, 1611-1625
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  24. Chate D.M., Tinmaker M.I.R., Aslam M.Y., Ghude S.D., 2017, Climate indicators for lightning over sea, sea-land mixed and land-only surfaces in India, **International Journal of Climatology**, 37, DOI:10.1002/ joc.4802, 1672-1679
  25. Chate D.M., Wahmare R.T., Gopalakrishnan V., Murugavel P., Ghude S.D., 2017, Cloud Condensation Nuclei activity in the tropical marine regions during Indian southwest monsoon, **Journal of Aerosol Science**, 114, DOI:10.1016/ j.jaerosci.2017.09.022, 276-282
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32. Dandona Lalit, 167 India State-Level Disease Burden Initiative Collaborators, Beig G., 2017, Nations within a nation: variations in epidemiological transition across the states of India, 1990–2016 in the Global Burden of Disease Study, **Lancet**, 390, DOI:10.1016/S0140-6736(17)32804-0, 2437-2460
33. Das P., Dutta S., Mondal S.K., 2017, Mathematical model for the 3-D dynamics of lee wave across a meso-scale mountain corner, **Mausam**, 68, 2, 195-204
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