

List of Publications

In peer reviewed journals:

1. **Rohit Srivastava**, R. Ramesh and T. Narayana Rao (2012), “Relationship between stable oxygen isotope ratio and drop size distribution in tropical rainfall”, *Journal of Atmospheric Chemistry*, doi: 10.1007/s10874-012-9227-4.
2. Naveen Gandhi, Rengaswami Ramesh, **Rohit Srivastava**, M.S. Sheshshayee, R. M. Dwivedi and Mini Raman (2010), Nitrogen uptake rates during spring in the NE Arabian Sea, *International Journal of Oceanography*, Vol. 2010, doi:10.1155/2010/127493.
3. **Rohit Srivastava**, R. Ramesh, R. A. Jani, N. Anilkumar and M. Sudhakar (2010), Stable oxygen, hydrogen isotope ratios and salinity variations of the surface Southern Indian Ocean waters, *Current Science*, Vol. 99, No. 10, 1395 pp.
4. T. Narayana Rao, B. Radhakrishna, **Rohit Srivastava**, T. Mohana Satyanarayana, D. Narayana Rao and R. Ramesh (2008), Inferring microphysical processes occurring in mesoscale convective systems from radar measurements and isotopic analysis, *Geophys. Res. Lett.*, Vol. 35, L09813, doi: 10.1029/2008GL033495.
5. **Rohit Srivastava**, R. Ramesh, Satya Prakash, N. Anilkumar and M. Sudhakar, (2007), Spatial variation of oxygen isotopes and salinity in the Southern Indian Ocean, *Geophys. Res. Lett.*, Vol. 34, doi: 10.1029/2007GL031790.

Abstracts/Papers in National/International Conferences

1. **R. Srivastava** and R. Ramesh, “Stable isotopic equilibrium/ disequilibrium over land and ocean: A comparative study”, 18th National Space Science Symposium, Dibrugarh, Assam, Jan 29 – Feb 01, 2014.
2. **R. Srivastava**, R. Ramesh and T. N. Rao, “Inferring cloud microphysical process using stable isotopes”, 16th International Conference on Clouds and Precipitation, Leipzig, Germany, July 30 – Aug 3 2012.
3. **R. Srivastava**, R. Ramesh and S. Pednekar, “First Stable isotopic study of Southern Ocean Surface Water and Atmospheric Water Vapour”, International Conference on “Science and Geopolitics of Arctic & Antarctic, New Delhi, 9th -11th March 2012.
4. R. Ramesh, **R. Srivastava**, and M. Sudhakar, “Stable isotope and salinity variations in the Southern Indian Ocean”, The National Conference on “Science and Geopolitics of Arctic & Antarctic” (SaGAA) New Delhi, 14th-15th Jan 2011.

5. H. Kaur and **R. Srivastava**, “Effect of aviation pollution and mitigation strategies: A case study over India”, International seminar on Climate Change: Spatial concerns and mitigation strategies, Panchkula, Haryana, 16th-18th Dec 2010.
6. **R. Srivastava** and R. Ramesh, “Investigation of atmospheric water vapor cycle using stable isotopes”, 16th National Space Science Symposium, Saurashtra University Rajkot, India, 24th – 27th Feb 2010.
7. R. A. Jani, M. G. yadava, **R. Srivastava** and R. Ramesh (2009), “Stable isotopic signatures of rainfall events in the Western India”, 11th ISMAS-TRICON, Hyderabad, India, 24th – 28th Nov 2009. ISBN 978-81-904442-2-4. 311 pp.
8. **R. Srivastava**, R. Ramesh and R. A. Jani (2009), “Stable isotope studies of Atmospheric Water Vapour and Cloud”, 11th ISMAS-TRICON, Hyderabad, India, 24th – 28th Nov 2009. ISBN 978-81-904442-2-4. 530 pp.
9. **R. Srivastava** and R. Ramesh, “Effect of global warming on the salinity- $\delta^{18}\text{O}$ relationship in the Southern Ocean”, National Space Science Symposium, RAC, Udagmandalam (Ooty), India, 26th – 29th Feb 2009.
10. **R. Srivastava** and R. Ramesh, “Investigation of cloud processes using stable oxygen/ hydrogen isotopes in tropical rainfall”, European Research Course on Atmosphere (ERCA), Grenoble, France, 7th Jan – 8th Feb 2008.
11. **R. Srivastava**, R. Ramesh, T. Narayana Rao and D. Narayana Rao, “Investigation of the relationship between stable oxygen/ hydrogen isotopes and the drop size distribution in tropical rainfall”, MST 11, Eleventh International Workshop on Technical and Scientific aspects of MST 11, Gadanki, Tirupati, India, December 11-15, 2006.
12. S. Prakash, **R. Srivastava**, R. Ramesh, R. Mohan and M. Sudhakar, “First Nitrogen-based Production Measurement in the Southern Ocean”, International Workshop on Sustained Indian Ocean Biogeochemical and Ecological Research (SIBER), Goa, India, 3-6 October, 2006.
13. R. Ramesh, S. Prakash, **R. Srivastava**, N. Gandhi and S. Kumar, “Nitrogen Assimilation and f-Ratios in the Indian Ocean”, International Workshop on Sustained Indian Ocean Biogeochemical and Ecological Research (SIBER), Goa, India, 3-6 October, 2006.