

Publications

In peer reviewed journals:

- **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.
- 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.
- **Rohit Srivastava**, R. Ramesh, R. A. Jani, N. Anilkumar and M. Sudhakar, Stable oxygen, hydrogen isotope ratios and salinity variations of the surface Southern Indian Ocean waters (Accepted in *Current Science*).

Abstracts/Papers in National/International Conferences

- **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.
- **R. Srivastava**, R. Ramesh and R. A. Jani, “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.
- R. A. Jani, M. G. yadava, **R. Srivastava** and R. Ramesh, “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.
- **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, Udagamandalam (Ooty), India, 26th – 29th Feb 2009.
- **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.
- **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.

- 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.
- 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.