BOREDDY Suresh Kumar Reddy/ बोरेडी सुरेश कुमार रेड्डी
Scientist/Engineer-SD/ वैज्ञानिक-एसडी
Space Physics Laboratory/ अंतरिक्ष भौतिकी प्रयोगशाला
Vikram Sarabhai Space Centre/ विक्रम साराभाई अंतरिक्ष केंद्र
Indian Space Research Organisation/ भारतीय अंतरिक्ष अनुसंधान संगठन
Thiruvananthapuram 695 022, India/ तिरुवनंतपुरम 695 022, भारत

Phone/ फोन: +91-471-270 2119 (sitting place)
Email/ ईमेल: reddy_sk[at]vssc[dot]gov[dot]in; boreddysuresh[at]gmail[dot]com
==========

RESEARCH FIELD/ अनुसंधान क्षेत्र: Earth and Atmospheric Sciences/ पृथ्वी और वायुमंडलीय विज्ञान

FIELD OF SPECIALIZATION/विशेषज्ञता का क्षेत्र: Chemical composition of atmospheric aerosols-climate change वायुमंडलीय एरोसोल-जलवायु परिवर्तन

SCOPUS ID/ स्कोपस आईडी: 56035904300

ORCID/ ओआरसीआईडी: https://orcid.org/0000-0002-0619-2942

NATIONALITY/ राष्ट्रीयता: INDIAN/ भारतीय

EDUCATION/ शिक्षा

- **Ph.D. in Physics/ पीएच.डी. भौतिकी में (2011)**: Sri Krishnadevaraya University, Anantapur, India/ श्री कृष्णदेवराय विश्वविद्यालय, अनंतपुर, भारत

POST DOCTORAL RESEARCH EXPERIENCE/ पोस्ट डॉक्टरल अनुसंधान अनुभव

- **Postdoctoral Research Associate/ पोस्टडॉक्टोरल रिसर्च एसोसिएट (Feb 2019- to Jan 2022)**- Space Physics Laboratory, Vikram Sarabhai Space Centre, Indian Space Research Organisation (ISRO) Thiruvananthapuram, India/अंतरिक्ष भौतिकी प्रयोगशाला, विक्रम साराभाई अंतरिक्ष केंद्र, भारतीय अंतरिक्ष अनुसंधान संगठन (इसरो) तिरुवनंतपुरम, भारत।
- **JSPS Pathway postdoctoral research/ जेएसपीएस पाथवे पोस्टडॉक्टोरल रिसर्च (April 2016- March 2018)**- Institute of Low Temperature Science, Hokkaido University, Japan/ निम्न तापमान विज्ञान संस्थान, होक्काइडो विश्वविद्यालय, जापान।
- **JSPS Standard postdoctoral Research/ जेएसपीएस स्टैंडर्ड पोस्टडॉक्टोरल रिसर्च (April 2014- March 2016)**- Institute of Low Temperature Science, Hokkaido University, Japan/ निम्न तापमान विज्ञान संस्थान, होक्काइडो विश्वविद्यालय, जापान।
- **Postdoctoral Research/ पोस्टडॉक्टोरल रिसर्च (April 2012- March 2014)**–Institute of Low Temperature Science, Hokkaido University, Japan/ निम्न तापमान विज्ञान संस्थान, होक्काइडो विश्वविद्यालय, जापान।
- **Senior Research Fellow/ सीनियर रिसर्च फेलो (October 2009-March 2012)**- Department of Physics, Sri Krishnadevaraya University, Anantapur, India/ भौतिकी विभाग, श्री कृष्णदेवराय विश्वविद्यालय, अनंतपुर, भारत

PUBLICATIONS IN PEER-REVIEWED JOURNALS/ समीक्षित पत्रिकाओं में प्रकाशन

(Total publications: 52, Total Citations: 1337)

1. **Suresh K. R. Boreddy**, Mukunda M. Gogoi , Prashant Hegde , S. Suresh Babu, Chemical composition, source characteristics, and hygroscopic properties of organic-enriched aerosols in the high Arctic during summer, **Science of the Total Environment** 942, 173780, https://doi.org/10.1016/j.scitotenv.2024.173780 (2024)
2. Arun, B. S., Gogoi, M. M., Deshmukh, D. K., Hegde, P., **Suresh K. R. Boreddy**, Arup Borgohain, and S. Suresh Babu, Enhanced light absorption by ambient brown carbon aerosols in the eastern Himalayas, **Environmental Science: Atmosphere**, DOI: 10.1039/d4ea00021h (2024)

3. **Suresh K. R. Boreddy,** Vijayakumar S. Nair, and S. Suresh Babu, Assessment of submicron aerosol liquid water content and mass-based growth factors in South Asian outflow over the Indian Ocean, **Science of the Total Environment** 901 166461, https://doi.org/10.1016/j.scitotenv.2023.166461 (2023)
4. C.B. Ramya, A.R. Aswini, Prashant Hegde, **Suresh K.R. Boreddy**, S. Suresh Babu, Water-soluble organic aerosols over South Asia – Seasonal changes and source characteristics**, Science of the Total Environment** 900, 165644, https://doi.org/10.1016/j.scitotenv.2023.165644 (2023)
5. **Suresh K. R. Boreddy**, Divyavani Gowda, Kimitaka Kawamura, Dhananjay K. Deshmukh, K. Narasimhulu, K. Ramagopal, Sulfate-associated liquid water amplifies the formation of oxalic acid at a semi-arid tropical location over peninsular India during Winter, **Science of the Total Environment**, 874, 162365, http://dx.doi.org/10.1016/j.scitotenv.2023.162365 (2023)
6. **Suresh K. R. Boreddy**, Prashant Hegde, B.S. Arun, A.R. Aswini, S. Suresh Babu, Molecular composition and light-absorbing properties of organic aerosols from west-coast of tropical India, **Science of the Total Environment**, 845, 157163, http://dx.doi.org/10.1016/j.scitotenv.2022.157163 (2022)
7. **Suresh K. R. Boreddy,** P. Hegde, A. R. Aswini, Summertime High Abundances of Succinic, Citric, and Glyoxylic Acids in Antarctic Aerosols: Implications to Secondary Organic Aerosol Formation, **Journal of Geophysical Research: Atmospheres**, *127*, e2021JD036172. https://doi.org/10.1029/2021JD036172 (2022)
8. Hegde, P., **Suresh K. R. Boreddy**, Aswini, A. R. and Aryasree, S. Influence of South Asian outflow on secondary organic aerosol formation over the Indian Ocean: Inferences from water-soluble low molecular weight dicarboxylic acids and related organic compounds during ICARB 2018 experiment. **Marine Chemistry**, 239, 104071, https://doi.org/10.1016/j.marchem.2021.104071 (2022)
9. Aswini, A. R., Hegde, P., **Suresh K. R. Boreddy**, Nair, P.R. Chemical characteristics of aerosols from distinct environments over the Indian region: Heterogeneity in distribution and sources of carbonaceous aerosols. **Earth and Space Chemistry**, 6, 1, 56–72, https://doi.org/10.1021/acsearthspacechem.1c00241 (2022).
10. **Suresh K. R. Boreddy**, Hegde, P., Aswini, A. R., & Aryasree, S. Chemical characteristics, size distributions, molecular composition, and brown carbon in south Asian outflow to the Indian Ocean. **Earth and Space Science**, 8, e2020EA001615 (2022). https://doi.org/10.1029/2020EA001615
11. B. S. Arun, Mukunda M. Gogoi, Prashant Hegde, Arup Borgohain, **Suresh K. R. Boreddy**, Shyam Sundar Kundu, and S. Suresh Babu. Carbonaceous aerosols over Lachung in the eastern Himalayas: primary sources and secondary formation of organic aerosols in a remote high-altitude environment, **Earth and Space Chemistry** 5, 2493−2506 (2021) https://doi.org/10.1021/acsearthspacechem.1c00190
12. **Suresh K. R. Boreddy,** P. Hegde, A. R. Aswini, Williams, M. A., Elavarasi, R., Kumar T. V. L., Seasonal variations in characteristics, sources and diurnal patterns of carbonaceous and water-soluble constituents in urban aerosols from the east coast of tropical India, **Environmental Chemistry** 18, 45–60 (2021), https://doi.org/10.1071/EN21017
13. **Suresh K. R. Boreddy,** P. Hegde, A. R. Aswini, Chemical Characteristics, Size Distributions, and Aerosol Liquid Water in Size-Resolved Coastal Urban Aerosols Allied with Distinct Air Masses over Tropical Peninsular India, **Earth and Space Chemistry** 5, 457−473 (2021), https://dx.doi.org/10.1021/acsearthspacechem.0c00282
14. Yumin Li, Tzung-May Fu, Jian Zhen Yu, Xu Feng, Lijuan Zhang, Jing Chen, **Suresh Kumar Reddy Boreddy**, Kimitaka Kawamura, Pingqing Fu, Xin Yang, Lei Zhu, Zhenzhong Zeng, Impact of Chemical Degradation on the Global Budget of Atmospheric Levoglucosan and its Use As a Biomass Burning Tracer, **Environmental Science & Technology**, 55, 5525-5536 (2021), http://doi.org/10.1021/acs.est.0c07313
15. **Suresh K. R. Boreddy,** P. Hegde, A. R. Aswini, Geochemical characteristics of trace elements in size-resolved coastal urban aerosols associated with distinct air masses over tropical peninsular India: size distributions and source apportionment. **Science of the Total Environment** 763 (2021) 142967, https://doi.org/10.1016/j.scitotenv.2020.142967
16. **Suresh K. R. Boreddy**, Fahmida Parvin, Kimitaka Kawamura, Chunmao Zhu, and Chung-Te Lee, Influence of forest fires on the formation processes of low molecular weight dicarboxylic acids, ω-oxocarboxylic acids, pyruvic acid and α-dicarbonyls in springtime fine ($PM_{2.5}$) aerosols over Southeast Asia, **Atmospheric Environment**, 246 (2021) 118065, https://doi.org/10.1016/j.atmosenv.2020.118065
17. **Suresh K. R. Boreddy** P. Hegde, A. R. Aswini, I. A. Girach, N. Koushik, K. Nalini, Impact of ice-free oases on particulate matter over the East Antarctic: inferences from the carbonaceous, water-soluble species and trace metals. **Polar Science** 24 100520 (2020). https://doi.org/10.1016/j.polar.2020.100520
18. Tomoki Mochizuki, Kimitaka Kawamura, Yuzo Miyazaki, and **Suresh K. R. Boreddy**, Distributions and sources of gaseous and particulate low molecular weight monocarboxylic acids in a deciduous broadleaf forest from northern Japan, **Atmospheric Chemistry and Physics**, 19, 2421-2432, https://doi.org/10.5194/acp-19-2421-2019 , 2019.
19. **Suresh K. R. Boreddy**, Fahmida Parvin, Kimitaka Kawamura, Chunmao Zhu, and Chung-Te Lee, Stable carbon and nitrogen isotopic compositions of fine aerosols ($PM_{2.5}$) during an intensive biomass burning over Southeast Asia: Influence

of SOA and aging, **Atmospheric Environment** 191, 478–489, (2018) https://doi.org/10.1016/j.atmosenv.2018.08.034

20. **Suresh K. R. Boreddy** and Kimitaka Kawamura, Investigation on the hygroscopicity of oxalic acid and atmospherically relevant oxalate salts under sub- and supersaturated conditions, **Environmental Science: Processes and Impacts** 20, 1069-1080, DOI: 10.1039/c8em00053K. 2018
21. **Suresh K.R. Boreddy**, Md. Mozammel Haque, Kimitaka Kwamura, Pingqing Fu, Yongwon Kim, Homologous series of n-Alkanes (C_{19}-C_{35}), fatty acids (C_{12}-C_{32}) and n-alcohols (C_8-C_{30}) in atmospheric aerosols from central Alaska: Molecular distributions, seasonality and source indices, **Atmospheric Environment**, 184, 87-97, https://doi.org/10.1016/j.atmosenv.2018.04.021, 2018.
22. **Suresh K.R. Boreddy**, Md. Mozammel Haque, Kimitaka Kawamura, Long-term (2001-2012) trends of carbonaceous aerosols from a remote marine island in the western North Pacific: an outflow region of Asian pollutants, **Atmospheric Chemistry and Physics** 8, 1291-1306, https://doi.org/10.5194/acp-18-1291-2018, 2018.
23. Müller, A., Y. Miyazaki, S. G. Aggarwal, Y. Kitamori, **S. K. R. Boreddy**, and K. Kawamura, Effects of chemical composition and mixing state on size-resolved hygroscopicity and cloud condensation nuclei activity of submicron aerosols at a suburban site in northern Japan in summer, **Journal of Geophysical Research: Atmosphere**, 122, doi:10.1002/2017JD027286, 2017.
24. **Suresh K.R. Boreddy**, Tomoki Mochizuki, Kimitaka Kawamura, Srinivas Bikkina, M.M. Sarin, Homologous series of low molecular weight (C_1-C_{10}) monocarboxylic acids, benzoic acid and hydroxyacids in fine-mode ($PM_{2.5}$) aerosols over the Bay of Bengal: Influence of heterogeneity in air masses and formation pathways, **Atmospheric Environment**, 167, 170-180, https://doi.org/10.1016/j.atmosenv.2017.08.008, 2017.
25. **Suresh K.R. Boreddy**, Kimitaka Kawamura, Eri Tachibana, Long-term (2001-2013) observations water-soluble dicarboxylic acids and related compounds over the western North Pacific: Trends, seasonality and source apportionment, **Scientific Reports**, 7: *8518* DOI:10.1038/s41598-017-08745-w, 2017,
26. D.K. Deshmukh, K. Kawamura, M.K. Deb, **Suresh K.R. Boreddy**, Sources and formation processes of water-soluble dicarboxylic acids, ω-oxocarboxylic acids, α-dicarbonyls, and major ions in summer aerosols from eastern central India, **Journal of Geophysical Research: Atmosphere**, 122, 3630–3652, https://doi.org/10.1002/2016JD026246, 2017.
27. **Suresh K. R. Boreddy**, Kimitaka Kawamura, Kazuhiro Okuzawa, Yogo Kanaya, Zifa Wang, Temporal and diurnal variations of carbonaceous aerosols and major ions in biomass burning influenced aerosols over Mt. Tai in the North China Plain during MTX2006, **Atmospheric Environment**, 154, 106-117, https://doi.org/10.1016/j.atmosenv.2017.01.042, 2017.
28. Yu Yan, Pingqing Fu, Bo Jing, Chao Peng, **Suresh K. R. Boreddy**, Fan Yang, Lianfang Wei, Yele Sun, Zifa Wang, Maofa Ge: Hygroscopic behavior of water-soluble matter in marine aerosols over the East China Sea, **Science of the Total Environment** 578, 307-316, https://doi.org/10.1016/j.scitotenv.2016.10.149, 2017.
29. K. Raja Obul Reddy, G. Balakrishnaiah, K. Rama Gopal, N. Siva Kumar Reddy, T. Chakradhar Rao, T. Lokeswara Reddy, S. Nazeer Hussain, M. Vasudeva Reddy, R.R. Reddy, **S.K.R. Boreddy**, S. Suresh Babu: Long term (2007–2013) observations of columnar aerosol optical properties and retrieved size distributions over Anantapur, India using a multi wavelength solar radiometer. **Atmospheric Environment** 142, 238-250, https://doi.org/10.1016/j.atmosenv.2016.07.047 2016.
30. **S. K. R. Boreddy** and Kimitaka Kawamura, Hygroscopicity of water-soluble matter extracted from the western North Pacific aerosols: influence of atmospheric processes and long-range transport, **Science of the Total Environment**, 557-558, 285-295, doi: 10.1016/j.scitotenv.2016.03.096, 2016.
31. Yan-Lin Zhang, Kimitaka Kawamura Ping Qing Fu, **Suresh K. R. Boreddy**, Tomomi Watanabe, Shiro Hatakeyama, Akinori Takami, Wei Wang, Aircraft observations of water-soluble dicarboxylic acids in the aerosols over China. **Atmospheric Chemistry and Physics** 16 (10), 6407-6419, https://doi.org/10.5194/acp-16-6407-2016, 2016.
32. DK Deshmukh, K Kawamura, M.Lazaar, B Kunwar, **S. K. R. Boreddy**, Dicarboxylic acids, oxoacids, benzoic acid, α-dicarbonyls, WSOC, OC, and ions in spring aerosols from Okinawa Island in the western North Pacific Rim: size distributions and formation, **Atmospheric Chemistry and Physics** 16, 5263–5282, https://doi.org/10.5194/acp-16-5263-2016, 2016.
33. **S. K. R. Boreddy**, Kimitaka Kawamura, Srinivas Bikkina, and M. M. Sarin, Hygroscopic growth of water-soluble extracts from marine aerosols ($PM_{2.5}$) over the Bay of Bengal: influence of heterogeneity in air masses and formation pathways, **Science of the Total Environment**, 544, 661-669, doi: 10.1016/j.scitotenv.2015.11.164, 2016.
34. **S. K. R. Boreddy**, K. Kawamura, MM Haque, Long-term (2001–2012) observation of the modeled hygroscopic growth factor of remote marine TSP aerosols over the western North Pacific: impact of long-range transport of pollutants and their mixing states, **Physical Chemistry Chemical Physics** 17 (43), 29344-29353, https://doi.org/10.1039/C5CP05315C, 2015.

35. S. Bikkina, K. Kawamura, K. Imanishi, **S. K. R. Boreddy**, and Y. Nojiri, Seasonal and longitudinal distributions of atmospheric water-soluble dicarboxylic acids, oxocarboxylic acids and α-dicarbonyls over the North Pacific, **Journal of Geophysical Research-Atmospheres**, 120, 5191-5213, https://doi.org/10.1002/2014JD022972, 2015.

36. **S. K. R. Boreddy** and Kimitaka Kawamura, A 12 year observation of water-soluble ions in TSP aerosols collected at remote marine location in the western North Pacific: an outflow region of Asian dust, **Atmospheric Chemistry and Physics** 15, 6437-6453, https://doi.org/10.5194/acp-15-6437-2015, 2015.

37. **S. K. R. Boreddy**, Kimitaka Kawamura, Stelyus Mkoma, and Pingqing Fu, Hygroscopic behavior of water-soluble matter extracted from Biomass burning aerosols collected at a rural site in Tanzania, East Africa. **Journal of Geophysical Research-Atmospheres,** 119, 12233-12245, DOI: 10.1002/2014JD021546, 2014.

38. **S. K. R. Boreddy**, Kimitaka Kawamura, and Jinsang Jung, Hygroscopic Properties of particles nebulized from water extracts of aerosols collected at Chichijima Island in the western North Pacific: an outflow region of Asian dust. **Journal of Geophysical Research-Atmospheres,** 119, 167-178, https://doi.org/10.1002/2013JD020626, 2014. IF:3.6

39. **B. Suresh Kumar Reddy**, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R. R. Reddy, L. S. S. Reddy, K. Narasimhulu, K. Krishna Moorthy and S. Suresh Babu. Ground based in-situ measurements of near surface aerosols over Anantapur: Heterogeneity in source impacts. **Advances in Atmospheric Sciences 30**(1), 235–246, https://doi.org/10.1007/s00376-012-1234-5, 2013.

40. **B. Suresh Kumar Reddy**, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R. R. Reddy, S.Md. Arafath, A.P. Lingaswamy, K.Umadevi, S. Pavan Kumari and Syam Lal. Analysis of diurnal and seasonal behavior of surface ozone and its precursor (NOx) at a semi-arid rural site in southern India. **Aerosol and Air Quality Research**, 12: 1081–1094, DOI: 10.4209/aaqr.2012.03.0055 , 2012.

41. G. Balakrishnaiah, K. Raghavendra Kumar, **B. Suresh Kumar Reddy**, K. Rama Gopal, R. R. Reddy, L. S. S. Reddy, K. Narasimhulu, K. Krishna Moorthy and S. Suresh Babu. Spatio-temporal variations in aerosol optical and cloud parameters over Southern India retrieved from MODIS satellite data. **Atmospheric Environment** 47, 435-445, https://doi.org/10.1016/j.atmosenv.2011.10.032, 2012.

42. **B. Suresh Kumar Reddy**, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R. R. Reddy, K. Narasimhulu, L. Siva Sankara Reddy, K. K. Moorthy and S. Suresh Babu. Potential Source regions contributing to the seasonal variations of Black Carbon aerosols over Anantapur in southeast India. **Aerosol and Air Quality Research** 12, 340–354, DOI: 10.4209/aaqr.2011.10.0159, 2012.

43. **B. Suresh Kumar Reddy**, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R. R. Reddy, K. Narasimhulu, L. Siva Sankara Reddy, S. Vijaya Bhaskara Rao, K. K. Moorthy and S. Suresh Babu. Aerosol climatology over Tirupati (India) derived from surface and columnar measurements: First results from a 30 day campaign. **Journal of Atmospheric & Solar Terrestrial Physics** 73, 1727-1738, https://doi.org/10.1016/j.jastp.2011.03.015, 2011.

44. K. Raghavendra Kumar, K. Narasimhulu, G. Balakrishnaiah, **B. Suresh Kumar Reddy**, K. Rama Gopal, R. R. Reddy, K. Krishna Moorthy and S. Suresh Babu. Spatial heterogeneities in aerosol properties over Bay of Bengal inferred from ship-borne and MODIS observations during ICARB-W cruise campaign: Implications to radiative forcing. **Atmospheric Environment** 45, 404-412, https://doi.org/10.1016/j.atmosenv.2010.10.004, 2011.

45. G. Balakrishnaiah, K. Raghavendra Kumar, **B. Suresh Kumar Reddy**, K. Rama Gopal, R. R. Reddy, L. S. S. Reddy, K. Narasimhulu, K. Krishna Moorthy and S. Suresh Babu. Anthropogenic impact of BC and total mass concentration of composite aerosols over a tropical semi-arid zone: First time results from Anantapur (A.P.), India**. Journal of Asian Earth Sciences** 42, 1297-1308, DOI: 10.1016/j.jseaes.2011.07.016, 2011.

46. G. Balakrishnaiah, K. Raghavendra Kumar, **B. Suresh Kumar Reddy**, K. Rama Gopal, R. R. Reddy, L.S.S. Reddy, Y. Nazeer Ahammed, K. Narasimhulu, K. Krishna Moorthy and S. Suresh Babu. Analysis of optical properties of atmospheric aerosols inferred from spectral AODs and Ångström wavelength exponent. **Atmospheric Environment** 45, 1275-1285, https://doi.org/10.1016/j.atmosenv.2010.12.002, 2011.

47. **B. Suresh Kumar Reddy**, L.S.S.Reddy, Jun-Ji Cao, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R.R.Reddy, K. Narasimhulu, Syam Lal. Simultaneous measurements of surface ozone at two sites over the Southern Asia: A comparative study. **Aerosol and Air Quality Research** 11, 895–902, DOI: 10.4209/aaqr.2011.05.0061, 2011.

48. G. Balakrishnaiah, K. Raghavendra Kumar, **B. Suresh Kumar Reddy**, K. Rama Gopal, R. R. Reddy, L. S. S. Reddy, K. Narasimhulu, K. Krishna Moorthy and S. Suresh Babu. Characterization of PM, PM_{10} and $PM_{2.5}$ concentration at a tropical semi-arid station, Anantapur. **Indian Journal of Radio and Space Physics** 40, 95-204, (2011).

49. K. Raghavendra Kumar, K. Narasimhulu, G. Balakrishnaiah, **B. Suresh Kumar Reddy**, R. R. Reddy, K. Rama Gopal, L.S.S. Reddy, Y. Nazeer Ahammed, S.K. Satheesh, K. Krishna Moorthy and S. Suresh Babu. Characterization of black carbon over a tropical semi-arid region of Anantapur, India. **Atmospheric Research** 100, 12-17, https://doi.org/10.1016/j.atmosres.2010.12.009, 2011.

50. **B. Suresh Kumar Reddy**, K. Raghavendra Kumar, G. Balakrishnaiah, K. Rama Gopal, R. R. Reddy, K. Narasimhulu, Y. Nazeer Ahammed, L. S. S. Reddy and Shyam Lal. Observational studies on variations in surface ozone concentration at Anantapur in India. **Atmospheric Research** 98, 125-139, https://doi.org/10.1016/j.atmosres.2010.06.008, 2010. IF:4.1

51. K. Raghavendra Kumar, K. Narasimhulu, G. Balakrishnaiah, **B. Suresh Kumar Reddy**, K. Rama Gopal, R.R. Reddy, S.K. Satheesh, K. Krishna Moorthy and S. Suresh Babu. A study on the variations of optical and physical properties of aerosols over a tropical semi-arid station during grassland fire. **Atmospheric Research** 95, 77-87, https://doi.org/10.1016/j.atmosres.2009.08.012, 2010.

52. K. Raghavendra Kumar, K. Narasimhulu, G. Balakrishnaiah, **B. Suresh Kumar Reddy**, K. Rama Gopal, R.R. Reddy, K. Krishna Moorthy and S. Suresh Babu. Size segregated mass concentration and size distribution of near surface aerosols over a tropical Indian semi-arid station, Anantapur: Impact of long range transport. **Science of the Total Environment** 407, 5589-5604, https://doi.org/10.1016/j.scitotenv.2009.06.039, 2009.

Last updated 19th June, 2024

(Scan QR code for publication list)