

Paper Publications from the past 5 years

1. With Sreenivasan Narayanan and S.S. Sridhar, 2018 “Development Of Arcpy Based Customized Tool In GIS For Seismic Information System”, International Journal of Pure and Applied Mathematics, Volume: 118, Special Issue, pp: 377-382, Scopus.
2. With SubbiahManthiraMoorthi, 2018 “Comparison Of Contour Feature Based And Intensity Based Insat-3D Met Images Coregistration For Sub Pixel Accuracies”,ICTACT Journal On Image And Video Processing, Volume: 8, Issue: 4, pp: 1731-1738, Scopus.
3. With K. Prabhu, 2018, “Hydrochemical Elucidation of groundwater for drinking and irrigation purposes – A case study of Nandi river basin, Tamilnadu, India”, Ecology Environment and Conservation, Volume:24, Issue:3, pp:306-313, Scopus.
4. With Prabhu.K, 2018, “Geoelectrical Resistivity Survey for Groundwater Potential – A Case Study of Nandi River Basin, Tamil Nadu, India”, Applied Ecology and Environmental Research, Volume: 16, Issue:2, pp:1961 – 1972, Scopus.
5. With Snehasish Ghosh, 2017 Earthquake Hazard Assessment through Geospatial model and development of EaHaAsTo tool for visualization - An integrated Geological and Geoinformatics Approach , Environmental Earth Sciences , Springer Vol:76 Issue:446 pp:1-22 SCI (1.569) & Scopus (1.811)
6. With Manthirammoorthi.S, Debajyoti Dhar 2017 Coregistration of LISS-4 multispectral band data using mutual information based stochastic gradient descent optimization Current Science (Accepted) SCI (0.967) & Scopus (0.711).
7. With M. SureshKumar, and M. Nagarajan, 2017 Selection of alternative landfill site in Kanchipuram, India by using GIS and Multi criteria Decision Analysis, Applied ecology and Environmental Research Vol. 15 issue.1: 627-636. SCI (0.500) & Scopus (0.788)
8. With Snehasish Ghosh, 2016 Determination of threshold energy for the development of Seismic energy anomaly model through integrated geotectonic and geoinformatics approach Natural Hazard, Springer (Accepted) SCI (1.746) & Scopus (1.077)
9. With M. SureshKumar, M. Nagarajan 2016 A Geo-Information System For Optimum Municipal Solid Waste Management (A Case Study Of Kanchipuram Municipality, Tamil Nadu, India), Indian Journal of Science and Technology Vol. 9 Issue 37 pp:1-8 Scopus (1.289)
10. (1.289)
11. With P Murugan, R Pandiayan and M Annadurai ,2016 Algorithm to Select Optimal Spectral Bands for Hyperspectral Index of Feature Extraction, Indian Journal of Science and Technology Vol. 9 Issue 37 pp:1-13 Scopus (1.289)
12. With M. SureshKumar and M. Nagarajan 2016 Analysis of Physico Chemical Characteristics of Ground water in Kanchipuram Municipality ,Tamil nadu, India, Rasayan Journal of Chemistry Vol. 9 No. 3 pp:454 - 459 Scopus (0.427)
13. With P Murugan,R Pandiayan and M Annadurai ,2016 Performance Comparison of Band Ratio and Derivative Ratio Algorithms in Chlorophyll-A Estimation using Hyperspectral Data, International Journal of Earth sciences and Engineering, Vol.9-No-3 pp:347-352 Scopus (0.197)
14. With M. SureshKumar and M. Nagarajan 2016 Impact of municipal solid waste dump yard on groundwater –A case study of Kanchipuram Municipality, Tamilnadu, india International Journal of Chem Tech Research Vol. 9 No. 9 pp: 571-579 Scopus (0.373)

15. With A.Arunkumar, Y.Sai Rutwik Redddy, M.V.Bagyaraja, T.Nishant and V.Revatnath, 2016 Preliminary study on Marine debris pollution along Marina Beach, Chennai, India, Regional studies in Marine science, Elsevier Vol 5, 35-40 Scopus
16. With Murugan.P, Pandiayan and M.Annadurai, 2016, Comparison of in-situ Hyperspectral and Landsat ETM+ data for Chlorophyll-a mapping in Case-II water Krishnarajapuram lake, Bangalore, Journal of the Indian Society of Remote Sensing, Springer DOI 10.1007/s12524-015-0531-8 SCI (IF 0.676) & Scopus (0.691)
17. Sushmitha.S and Sivakumar.R 2016, Spectral archiving for canopy content identification using Free and Open source Software International journal of Engineering research and Technology Vol.4 Issue 20 pp:50-53
18. With A.Arunkumar 2016, Marine Debris- A global problem Least studies in India. Current science Vol.110 No.7 Issue 10 pp. 1153-1154 SCI (0.96) & Scopus (0.760)
19. With Arvind.S 2016, Agriculture Change Detection using Change Vector Analysis in Lower velar Watershed, International journal of Engineering research and Technology Vol.4 Issue 20 pp:1-6
20. With Snehasish Ghosh, 2016 Wetland spatial dynamics and mitigation study- An integrated remote sensing and GIS approach , Natural Hazard, Springer Vol.80, 975-995 SCI (IF 1.746) & Scopus (1.077)
21. With Snehasish Ghosh, 2016 Spatiotemporal dynamic study of lakes and development of mathematical prediction model using Geoinformatic techniques ,Arabian Journal of Geoscience, Springer Vol. 9, 1-14 SCI (IF 1.224) & Scopus (0.956)
22. With Snehasish Ghosh, 2014 Lake Morphological change detection and causes through integrated Geological and Geoinformatics Techniques, Gondwana Geological magazine Vol. 29 (1 and 2) 111-122 WOS