

Cellphone : 9884113113

e-Mail ID : vidhya@annauniv.edu

Address : 17/1 Indira Nagar, 1st Main Road, Adyar, Chennai-20



Papers Published in Journals

1. R. Vidhya and D. Vijayasekaran, "Mapping invasive plant *Prosopis juliflora* in arid land using high resolution remote sensing data and biophysical parameters", Indian Journal of Geo-Marine Sciences, (2015).
2. R. Vidhya, P. Thanabalan, "Derivation of surface soil moisture and surface energy balance using AMSR-E and MODIS data", International Symposium on Remote Sensing , (2015).
3. M. Sivakumar , R.Vidhya, "Proximity effect Analysis of Overhead high voltage transmission line on residential communities using remote sensing and GIS", Int. Digital Organisation for Scientific Information, (2015).
4. Manonmani R, Vidhya R, "Prediction of Land suitability Index Mapping using Logistic Regression model", International Journal of Earth Science and Engineering , (2015).
5. R. Vidhya and D. Vijayasekaran, "Mapping invasive plant *Prosopis juliflora* in arid land using high resolution remote sensing data and biophysical parameters", Indian Journal of Geo-Marine Sciences, published by NISCAIR - CSIR. (2015).
6. M. Sivakumar, R.vidhya, "Linear impervious feature extraction by entity based image analysis approach using OLI/TIRS imagery", Asian Journal of Research in Social Sciences and Humanities, (2016).
7. Kalamuthumari. M, Vidhya R, "Threshold Selection to Minimize the Redundancy in Hyperspectral Band Selection", nternational Journal of Emerging Technology and Advanced Engineering, (2016).
8. R. Manonmani & R. Vidhya, "Diagnosis of drivers behind historic change in land use using receiver operating characteristic curve", International Journal of Modelling and Simulation,, (2017).
9. Sulochana S., Vidhya R., Manonmanai R, "Optical image fusion using support value transform (SVT) and Curvelets", OPTIK - International Journal for Light and Electron Optics, Vol. 126, Issue 2, pp. 1672-1675. (2017).
10. Sulochana S, Vidhya.R, Vijayasekaran. D, Mohanraj.K, "Effect of wavelet based image fusion techniques with principal component analysis (PCA) and singular value decomposition (SVD) in supervised classification", Indian Journal of Geo- Marine Sciences, Vol. 46, Issue 2, pp. pp. 338-348 (2017).
11. Kalamuthumari M & Vidhya R, "Spectral Subspace Approach in Top Ranked Band Selection for Hyperspectral Image Classification", Asian Journal of Research in Social Sciences and Humanities, (2017).

12. M. Sivakumar and R.Vidhya, "Entity Based Image Analysis approach using OLI/TIRS Imagery", Asian Journal of Research in Social Science and Humanities, (2017).
13. R.Vidhya , T. Arulkumar, "Geospatial assessment of land use and climate change impacts on hydrology of the Thamirabarani river basin, India", Ecology, Environment and Conservation, Vol. 23, Issue 2, pp. 888-898 (2017).
14. Sulochana S., Vidhya R., "" Framelet transform based edge detection for straight line detection from remote sensing images", Kuwait journal of science, , Vol. 44, Issue 1, pp. 78-85 (2017). R. Manonmani , R. Vidhya and T.Subramani, "Role of multi scale in land use/ Lnad cover simulation model – a case study in Upper Kodaganar basin, Tamil Nadu, India", Indian Journal of Geomarine Sciences , Vol. 46, Issue 1, pp. 176-189 (2017).