

Publication List of Dr. S.S. Ramakrishnan, Professor & Director, Institute of Remote Sensing, Anna University, Chennai:

1. Shoba Periasamy ,Divya Senthil, **Ramakrishnan S. Shanmugam** "A soil texture categorization mapping from empirical and semi-empirical modelling of target parameters of synthetic aperture radar",Geocarto International **(2019)**
2. Iyyappan Muthukumarasamy, **Ramakrishnan S. Shanmugam** ,Srinivasa Raju Kolanuvada "SAR polarimetric decomposition with ALOS PALSAR-1 for agricultural land and other land use/cover classification: case study in Rajasthan, India" ,Environmental Earth Sciences volume 76, Article number: 455 (**2017**)
3. P.Shoba, **S.S. Ramakrishnan**, "Modeling the contributing factors of desertification and evaluating their relationships to the soil degradation process through geomatic techniques", Solid Earth, published by Copernicus. Vol. 7, Issue 2, pp. 341-354 **(2016)**.
4. V.S.Kalaranjini, **S.S. Ramakrishnan**, "Instantaneous Shoreline Demarcation and Categorization using Remote Sensing and GIS Techniques -A Case Study of Dynamic Nature of the Chennai Coast", International Journal of Engineering Research & Technology, published by IJERT. Vol. 5, Issue 3, pp. 465-469 **(2016)**.
5. P.Shoba, **S.S.Ramakrishnan**, "Multispectral and Microwave Remote Sensing Models to Survey Soil Moisture and Salinity", Land Degradation & Development, published by Wiley-Blackwell. **(2016)**.
6. P. Shoba and **S.S. Ramakrishnan**, "Identifying and assessing the factors inducing Land Degradation and Desertification in Dharmapuri District of Tamil Nadu through Geo-Statistical Model", Journal of the Indian National Cartographic Association, published by Indian National Cartographic Association. Vol. 35, pp. 487-498 **(2015)**.
7. Vani Krishnan, Ramalingam Murugaiyan, **Ramakrishnan Shanmugham**, Muneeswaran Mariappan, "Assessing the Impact of Natural Factors on Desertification in Tamilnadu, India using Integrated Remote Sensing", Proceedings of the 1st Int. Electron. Conf. Remote Sensing, Vol. 1, **(2015)**.
8. K.S.A. Dinesh Kumar, S. Mohan, **S.S. Ramakrishnan**, "Management strategies of a coastal basin through regional groundwater modeling", International Journal of Applied Engineering Research, Vol. 10, Issue 7, pp. 16637-16653 **(2015)**.
9. M. Ramalingam, **S.S. Ramakrishnan**, M. Priya Muthu Ramalakshmi, M. Muneeswaran, "Assessment of Environmentally Sensitive Area and Desertification Severity using GIS for an Indian Region-Virudhunagar District, Tamil Nadu", Indian Journal of Geo-Marine Sciences, Vol. 44, Issue 11, pp. 1734-1741 **(2015)**.
10. K.S.A. Dinesh Kumar, S.Mohan, **S.S. Ramakrishnan**, "Assessment of Impacts on Groundwater due to Open-cast mining", International Journal of Applied Enviromental Sciences, Vol. 9, Issue 6, pp. 2827-2854 **(2014)**.
11. M Iyyappan, **S.S. Ramakrishnan**, K Srinivasa Raju, "Assessment on Landuse/Cover Classification Using Synthetic Aperture Radar (SAR) Polarimetry Data", International Journal of Earth Sciences and Engineering, Vol. 7, Issue 5, **(2014)**.
12. Amaladas P, **S.S. Ramakrishnan**, "Impact of Land Use and Land Cover Changes on Groundwater Quality Using Remote Sensing and GIS Techniques", International Journal of Earth Sciences and Engineering, Vol. 7, Issue 5, **(2014)**.

13. Balaguru.B ,**S.S. Ramakrishnan**, "Interannual variations of Eddy Kinetic Energy (EKE) derived from merged satellite altimetry data products for Indian Ocean", International Journal of Earth Sciences and Engineering, Vol. 7, Issue 5, **(2014)**.