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Publications:

1. I Muthukumarasamy, RS Shanmugam, T Usha, "Incorporation of textural information with SAR and optical imagery for improved land cover mapping", Environmental Earth Sciences 78 (22), 643, 2019.

2. S Periasamy, D Senthil, RS Shanmugam, "A soil texture categorization mapping from empirical and semi-empirical modelling of target parameters of synthetic aperture radar", Geocarto International, 1-18, 2019.

3. S Periasamy, D Senthil, RS Shanmugam, "A Modified Triangle with SAR Target Parameters for Soil Texture Categorization Mapping", Conference of the Arabian Journal of Geosciences, 97-99, 2018.

4. M. Iyyappan, Tune Usha, S. S. Ramakrishnan, K. Srinivasa Raju, "Evaluation of tsunami inundation using synthetic aperture radar (SAR) data and numerical modeling", Natural Hazards 92 (3), 1419-1432, 2018.

5. R. K. Priya Rajkumar & S. S. Ramakrishnan, " Satellite derived estraction of Spatio-Temporal variability of upwelling and its influence on marine fishery resources", Journal of Marine Science and Technology 26 (1), 92-101, 2018.

6. S. S. Ramakrishnan & M. Iyyappan, "SAR polarimetric decomposition with ALOS PALSAR-1 for agricultural land and other land use/cover classification: case study in Rajasthan, India", Environmental Earth Sciences 76 (13), 1-13, 2017.

7. S. S. Ramakrishnan, "Multispectral and Microwave Remote Sensing Models to Survey Soil Moisture and Salinity", Land Degradation & Development 28 (4), 1412-1425, 2017.

8. S. S. Ramakrishnan , “Modeling the contributing factors of desertification and evaluating their relationships to the soil degradation process through geomatic techniques”, Solid Earth 7 (2), 341-354, 2016.

9. 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 5 (3), 465-469, 2016.

10. 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.

11. 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.

12. 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.