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Publications:

1. RG Rejith, M Sundararajan, L Gnanappazham, VJ Loveson , "Satellite-based spectral mapping (ASTER and landsat data) of mineralogical signaturesof beach sediments: a precursor insight", Geocarto International, 1-24, 2020.

2. SLK Unnithan, L Gnanappazham, "Spatiotemporal mixed effects modeling for the estimation of $PM_{2.5}$ from MODIS AOD over the Indian subcontinent", GIScience & Remote Sensing 57 (2), 159-173, 2020.
3. SLK Unnithan, L Gnanappazham, "Estimation of $PM_{2.5}$ from MODIS Aerosol Optical Depth Over the Indian Subcontinent", Applications of Geomatics in Civil Engineering, 249-262, 2020.
4. AA Devendran, G Lakshmanan, "Analysis and Prediction of Urban Growth Using Neural-Network-Coupled Agent-Based Cellular Automata Model for Chennai Metropolitan Area, Tamil Nadu, India", Journal of the Indian Society of Remote Sensing 47 (9), 1515-1526, 2019.
5. SLK Unnithan, L Gnanappazham, "Estimation Aerosol Optical of PM Depth 2.5 MODIS Over the Indian Subcontinent", Applications of Geomatics in Civil Engineering: Select Proceedings of ICGCE, 2019.
6. AD Aarthi, L Gnanappazham, "Comparison of urban growth modeling using deep belief and neural network based cellular automata model—a case study of Chennai metropolitan area, Tamil Nadu, India", Journal of Geographic Information System 11 (01), 1, 2019.

7. RM Vijayakumar, L Gnanappazham, CB Manjunath, M Kavino, “Evaluating the Variables for Banana (Musa Sp.) Crop Intensification in Theni District, Southern India using Multi-Criteria based GIS Analysis”, Int. J. Curr. Microbiol. App. Sci 8 (11), 407-423, 2019.
8. AD Aarthi, L Gnanappazham, “Urban growth prediction using neural network coupled agents-based Cellular Automata model for Sriperumbudur Taluk, Tamil Nadu, India”, The Egyptian Journal of Remote Sensing and Space Science 21 (3), 353-362, 2018.
9. KA Prasad, L Gnanappazham, “Multiple statistical approaches for the discrimination of mangrove species of *Rhizophoraceae* using transformed field and laboratory hyperspectral data”,Geocarto International 31 (8), 891-912, 2016.