

Paper Publications from the past 5 years

1. Muneeswaran Mariappan, Vani Krishnan, Ramalingam Murugaiyan & Srinivasa Raju Kolanuvada , "Tsunami Impact on Turtle Nesting Grounds" presented in a National level seminar on National Seminar on Disaster Management: Issues and Challenges, organised by Madras Christian College, Chennai, India from 26-Feb-2014 to 26-Feb-2014.
2. Srinivasa Raju K, Muneeswaran M, "Carbon Sequestration Modelling using Remote Sensing and GIS" presented in a International level workshop on Indo Norwegian Workshop on Geohazards, organised by Institute of Remote Sensing, India from 02-Apr-2014 to 02-Apr-2014.
3. Riyazkhan N.H, Pradeep C, Srinivasa Raju K, Thirumalaivasan D, "Numerical Modelling of Storm Surges for the Chennai Coast using Delft-3D" presented in a National level conference on 4th National Conference on Latest Advancements in Civil Engineering (LACE), organised by R M K Engineering College, Chennai, India from 04-Apr-2014 to 04-Apr-2014.
4. M Iyyappan, S S Ramakrishnan, K Srinivasa Raju, "Study of Discrimination between Plantation and Dense Scrub based on Backscattering Behavior of C Band SAR Data" presented in a International level conference on ISPRS Technical Commission VIII Symposium, organised by ISPRS and NRSC, Hyderabad, India from 09-Dec-2014 to 12-Dec-2014. page 5 / 15
5. Dr. Srinivasa Raju K Associate professor, Institute of Remote Sensing "INTERGRATED SIMULATION OF TSUNAMI AND STORM SURGES IN THE BAY OF BENGAL AND ITS IMPLICATIONS ON RUN-UP AND INUNDATION ALONG THE CHENNAI COAST" presented in a International level conference on International Conference on "A decade after the Indian Ocean Tsunami - Status and Experiences" , organised by Pondicherry Engineering College, Puducherry, India and CSIR-National Institute of Oceanography, Goa, India, India from 10-Dec-2014 to 13-Dec-2014.
6. "TSUNAMI INUNDATION SIMULATION OF LAND-USE/LAND-COVER CHANGES AFTER A DECADE; A CASE STUDY OF CHENNAI COAST" presented in a International level conference on International Conference on "A decade after the Indian Ocean Tsunami - Status and Experiences" , organised by Pondicherry Engineering College, Puducherry, India and CSIR-National Institute of Oceanography, Goa, India, India from 10-Dec-2014 to 13-Dec-2014.
7. Srinivasa Raju K, Muneeswaran M, Vani K, "Flood Mapping and Management using Remote Sensing and GIS" presented in a National level seminar on UGC Sponsored National Seminar on Disaster Management & Preparedness, organised by Centre for Remote Sensing & Dept of Economics, Bharathidasan University, Trichy, India from 24-Feb-2016 to 24-Feb-2016.
8. "Demand based Urban Forest Planning using High Resolution Remote Sensing and AHP" presented in a International level workshop on 10th SPIE Asia Pacific Remote Sensing Symposium, organised by SPIE, India from 04-Apr-2016 to 07-Apr-2016.
9. "Design and Implementation of GIS Virtual Learning Environments for Interactive Visualization Using Desktop Virtual Reality (VR) & iSpace" presented in a

International level conference on 2016 ASEE Annual Conference & Exposition, organised by American Society for Engineering Education, USA from 26-Jun-2016 to 29-Jun-2016.

10. Srinivasa Raju K, "Recent Trend in Geomatics for Urban Planning and Management" presented in a International level seminar on Trends in Urban Planning and Environmental Health Management using GIS, organised by Karunya University, Coimbatore, NITTTR, Chennai and TNIUS, Coimbatore, India from 09-Nov-2016 to 09-Nov-2016.
11. S. Sivakumar, K. Srinivasaraju, M. Shanmugam, D. Thirumalaivasan, C. Lakshumanan, "Study on the Utility and Geochemistry of Groundwater in Ponneri Taluk of Thiruvallur District, Tamilnadu," presented in a International level conference on Proceedings of International Conference on Remote Sensing for Disaster, organised by Andhra University, India from 11-Oct-2017 to 13-Oct-2017.
12. Srinivasa Raju Kolanuvada, on Regional Meeting on Landslide Disaster Risk Management (RECLAIM), organised by Asian Disaster Preparedness Centre, Bangkok, Thailand from 06-Nov-2017 to 10-Nov-2017.
13. Sivakumar S , Srinivasa Raju Kolanuvada, Shanmugam Madhavan, "Adverse Effects of Aquaculture Activities Emphasizing Groundwater of DWQI in Ponneri Taluk of Thiruvallur District, Tamilnadu" presented in a National level workshop on Aquaculture and its Impacts on Environment using Spatial Technologies" with special emphasis on 'Godavari – Krishna Inter Deltaic Region', organised by Geospatial Information Centre (GIC) Department of Civil Engineering S.R.K.R. Engineering College (A) China Amiram, Bhimavaram, India from 15-Dec-2017 to 16-Dec-2017. page 6 / 15 Dr. Srinivasa Raju K Associate professor, Institute of Remote Sensing
14. Immanuel, Srinivasa Raju K, "Automatic Extraction of Shore Line for Quantification Erosion and Accretion Characteristics of Indian Coastal Mainland Area using Google Earth Engine" presented in a International level conference on 38th INCA International Congress on Emerging Technologies in Cartography, organised by National Remote Sensing Centre, Hyderabad, India from 29-Oct-2018 to 31-Oct-2018.
15. "Extraction and Temporal Mapping of Mangrove Forests in Indian Subcontinent using Google Earth Engine Tools" presented in a International level conference on 38th INCA International Congress on Emerging Technologies in Cartography, organised by National Remote Sensing Centre, Hyderabad, India from 29-Oct-2018 to 31-Oct-2018.
16. "Identification of Optimal Location for Community Solar Power Units in a Village using Drone Mapping and GIS based Cluster Analysis" presented in a International level conference on 38th INCA International Congress on Emerging Technologies in Cartography, organised by National Remote Sensing Centre, Hyderabad, India from 29-Oct-2018 to 31-Oct-2018.
17. Ramachandran, B., and S. R. Kolanuvada, "Perpetual Solar Potential of a Village by Machine Learning and Feature Extraction in UAV," presented in a International level conference on 1st International Conference on Unmanned Aerial System in Geomatics - 2019, organised by IIT Roorkee, India from 06-Apr-2019 to 07-Apr-2019.
18. "Automatic Extraction of Roads from UAV using Thresholding and Morphometric Parameters," presented in a International level conference on 1st International Conference on Unmanned Aerial System in Geomatics - 2019, organised by IIT Roorkee, India from 06-Apr-2019 to 07-Apr-2019.

19. "Micro Level Hydrological Planning and Assessment of Tank Irrigation System," presented in a International level conference on 1st International Conference on Unmanned Aerial System in Geomatics - 2019, organised by IIT Roorkee, India from 06-Apr-2019 to 07-Apr-2019.