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**Groundwater Remote Sensing and GIS Applications**

**LIST OF PUBLICATION IN FIVE YEARS**

| <b>SNO</b> | <b>Title</b>   | <b>YEAR</b> |
|------------|--|-------------|
| 1          | A Survey Of Security Issues In Cognitive Radio Network<br>K Elangovan, S Subashini<br>Arpn J Eng Appl Sci 11 (17), 10496-10500   | 2016        |
| 2          | An Emerging Intuitionistic Fuzzy Based Groundwater Level Prediction<br>R Rani, K Elangovan<br>Niscair-Csir, India  | 2017        |
| 3          | Application Of Ann And Anfis Model On Monthly Groundwater Level Fluctuation In Lower Bhavani River Basin<br>N Vetrivel, K Elangovan<br>Niscair-Csir, India   | 2017        |
| 4          | Application Of Remote Sensing And Gis For Identifying Suitable Sites For Solid Waste Disposal In Erode Corporation, Tamil Nadu, India<br>K Vishnuvardhan, K Elangovan<br>Niscair-Csir, India   | 2020        |
| 5          | Assessment Of Groundwater Pollution Due To Textile Industrial Activities In And Around Tirupur Region, Tamil Nadu, India<br>K Arumugam, T Karthika, K Elangovan, Ar Kumar<br>Nature Environment And Pollution Technology 19 (3), 1203-1209 | 2020        |
| 6          | Comparative Prediction Of Groundwater Fluctuation By Cwtft-Anfis And Wt-Anfis<br>N Vetrivel, K Elangovan<br>Indian Journal Of Science And Technology 9 (44), 1-7   | 2016        |
| 7          | Comparison Of Landslides Susceptibility Analysis Using Ahp, Smce And Gis For Nilgiris District, India<br>S Shanthi, Dk Elangovan<br>Niscair-Csir, India  | 2017        |
| 8          | Delineation Of Groundwater Recharge Potential Zones In Namakkal District, Tamilnadu, India Using Remote Sensing And Gis<br>S Samson, K Elangovan<br>Journal Of The Indian Society Of Remote Sensing 43 (4), 769-778                        | 2015        |
| 9          | Evaluation Of Groundwater Potential Zones Using Electrical Resistivity And Gis In Noyyal River Basin, Tamil Nadu<br>Ag Selvarani, K Elangovan, Cs Kumar<br>Journal Of The Geological Society Of India 87 (5), 573-582                      | 2016        |
| 10         | Evolution Of Hydrochemical Parameters And Quality Assessment Of Groundwater In Tirupur Region, Tamil Nadu, India<br>K Arumugam, A Rajesh Kumar, K Elangovan<br>International Journal Of Environmental Research 9 (3), 1023-1036            | 2015        |

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| 11 | Geochemical Process Controlling Groundwater Quality In Avinashi And Tirupur Region, Tamil Nadu, India<br>K Arumugam, Ar Kumar, K Elangovan, S Loganathan, D Ambiga<br>International Journal Of Applied Environmental Sciences 10 (1), 1-13 | 2015 |
| 12 | Geographical Information Systems-Based Bus Stop Accessibility And Safety Analysis—A Case Study Of The Coimbatore Corporation<br>Vs Kumar, K Elangovan, N Srimathi<br>Journal Of Computational And Theoretical Nanoscience 15 (3), 972-976  | 2018 |
| 13 | Gis-Based Air Pollution Distribution Mapping Of Emissions From Public Buses For Coimbatore Corporation, Tamil Nadu, India<br>Vs Kumar, K Elangovan, N Srimathi<br>Niscair-Csir, India  | 2019 |
| 14 | Groundwater Chemical Studies Using Statistical Analysis In Coimbatore Corporation, Tamil Nadu, India<br>Y Shantharam, K Elangovan<br>Journal Of Advances In Chemistry 12 (26), 5752-5762   | 2016 |
| 15 | Groundwater Potential Zones Delineation Using Geo-Electrical Resistivity Method And Gis For Coimbatore, India<br>Y Shantharam, K Elangovan<br>Niscair-Csir, India  | 2018 |
| 16 | Groundwater Resource Exploration In Salem District, Tamil Nadu Using Gis And Remote Sensing<br>G Maheswaran, Ag Selvarani, K Elangovan<br>Journal Of Earth System Science 125 (2), 311-328   | 2016 |
| 17 | Highway Alignment Along The Corridors Using Remote Sensing And Geographical Information System-Perundurai To Palani, Tamilnadu, India<br>L Shanmugam<br>Journal Of Advances In Chemistry 13 (10), 6570-6580                                | 2017 |
| 18 | Identification Of Artificial Recharge Sites For Noyyal River Basin Using Gis And Remote Sensing<br>Ag Selvarani, G Maheswaran, K Elangovan<br>Journal Of The Indian Society Of Remote Sensing 45 (1), 67-77                                | 2017 |
| 19 | Identification Of Artificial Recharge Sites For Noyyal Watershed Using Gis And Fuzzy Logic<br>Ag Selvarani, G Maheswaran, K Elangovan, Mcs Kumar<br>International Journal Of Applied Engineering Research 10 (4), 11189-11208              | 2015 |
| 20 | Impact Of Urbanisation On Formation Of Urban Heat Island In Tirupur Region Using Geospatial Technique<br>R Rajkumar, K Elangovan<br>Niscair-Csir, India  | 2020 |
| 21 | Multivariate Statistical Analysis To Assess Groundwater Quality In Namakkal District, Tamil Nadu, India<br>S Samson, K Elangovan<br>Niscair-Csir, India  | 2017 |
| 22 | Potential Landfill Site Selection For Solid Waste Disposal Using Gis And Multi-Criteria Decision Analysis (Mcd) Analysis (Mcd)<br>S Kapilan, K Elangovan<br>Journal Of Central South University 25 (3), 570-585                            | 2018 |
| 23 | Remote Sensing And Geographical Information System Applications In Highway   | 2017 |

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|    | Alignment Between The Strips—Perundurai To Palani, Tamil Nadu, India<br>S Loganathan, K Elangovan<br>2017 International Conference On Inventive Systems And Control (Icisc), 1-8   |      |
| 24 | Route Alignment Between The Corridors Through The Applications Of Rs And Gis—Perundurai To Palani, Tamil Nadu, India<br>S Loganathan, K Elangovan<br>2017 International Conference Of Electronics, Communication And Aerospace ... | 2017 |
| 25 | Seismic Hazard Analysis And Microzonation Of Coimbatore Corporation<br>Ke Viswanathan, K Elangovan<br>Niscair-Csir, India  | 2017 |
| 26 | Site Selection For Rainwater Harvesting Structures Using Gis For The<br>Augmentation Of Groundwater<br>Kep Selvakumar<br>Journal Of Ecology & Natural Resources 2 (3), 1-5   | 2018 |
| 27 | Study On Suitability Of Groundwater For Irrigation Purpose In Parambikulam<br>Aliyar Project Area, India<br>K Elangovan, R Rani<br>Niscair-Csir, India   | 2017 |