

Dr.K.Sudalaimani
List of Publications

1. Rajapriyadharshini.J.R & K.Sudalaimani, "Numerical Study on the suitability of DualSPHysics for Disaster Risk Management Program", Regional Studies in Marine Sciences (Under Review)
2. Rajapriyadharshini.J.R & Sudalaimani.K, "LSQ based SPH approach in evaluating the impact of sea wall for Tsunami bores", Gradevinar (Accepted)
3. Rajapriyadharshini.J.R & K.Sudalaimani, "Dam break analysis of Mullaiperiyar reservoir for environmental protection - A Numerical Approach", Journal of Environmental Protection & Ecology, Volume 21, Issue no.4, 1404 - 1413 pp, 2020
4. S.P. Murali Kannan, K. Sudalaimani, "Spatial Time Dependent Reliability Analysis of Carbonation with Climate Change", Polish Journal of Environmental Studies, 2020
5. Sugila Devi, K.Sudalaimani & Shanmuga Sundaram, "Investigation on calcined magnisium - based mineral powder and its behaviour as alternative binder", Advances in Material Science and Engineering, August 2020
6. Rajapriyadharshini.J.R, N. Yugesh kanna & K.Sudalaimani, "Review on Tsunami wave propagation and their interaction with structures", American Journal of Engineering Research, Vol.9, Issue 3, 289 - 298 pp, 2020
7. Application of Mesh-free particle Methods in Structural Engineering, Journal of Applied Science and Computations, Vol. VI, Issue V, 1234 - 1238 pp, May 2019
8. Numerical Assessment of Dam Safety Risk by Smoothed Particle Hydrodynamics (SPH) method, Journal of Applied Science and Computations, Vol. VI, Issue V, 1239 - 1244 pp, May 2019
9. Effect of bio-additives on physico-chemical properties of fly ash-ground granulated blast furnace slag based self cured geopolymer mortars, Journal of Hazardous materials, 361 (2019), 56 - 63
10. Properties of fiber reinforced high performance concrete - A case study, International Journal of Engineering Research & Technology, Vol.8, Issue 2, Feb, 2019
11. Oil spill trajectory forecast with the aid of GNOME, Research journal of marine sciences, vol.5(3), 1-6, Nov 2017
12. An investigation on self - compacting concrete using Ultrafine natural Steatite powder as replacement to cement, Journal for Advances in Material Science and Engineering, Volume 2017, Article ID 8949041, 1-8 PP, August 2017
13. Investigation on mechanical properties of fly ash - ground granulated blast furnace slag based curing bio-geopolymer concrete, Journal of Construction and Building materials, Elsevier, 140(2017), 338 - 349 PP, May 2017
14. Experimental Investigation on Durability and Mechanical properties of Self Compacting Concrete using Mineral Admixtures, SSRG International Journal of Civil Engineering, April 2017, 759 - 764 PP, ISSN: 2348-8352.
15. Mechanical properties of high performance concrete using steatite powder, SSRG International Journal of Civil Engineering, April 2017, 732 - 737 PP, SSN: 2348-8352.
16. Experimental Investigation on Strength Characteristics of Hybrid Fiber Reinforced Self Compacting Concrete, IJSTE - International Journal of Science Technology & Engineering, Vol 3, Issue 05, November 2016