

## LIST OF PUBLICATIONS

SL. No.	AUTHOR NAME & TITLE	YEAR OF PUBLICATIONS
1.	Vignesh, V and <b>Muthukumar M</b> , “ Design parameters and behaviour of helical piles in cohesive soils – A Review”. Arabian Journal of Geoscience. 13, 1194. <a href="https://doi.org/10.1007/s12517-020-06165-1">https://doi.org/10.1007/s12517-020-06165-1</a> (IF:1.240)	2020
2.	Dharmil Baldev, Apurv Kumar, <b>Muthukumar, M</b> and Shukla, S. K , “Hydraulic and Volume Change Characteristics of Compacted Clay Liner Blended with Exfoliated Vermiculite” International Journal of Environment and Waste Management Vol.25:4, pp. 430-440. (IF: 0.410)	2020
3.	<b>Muthukumar, M.</b> and Phanikumar, B. R.,“Influence of wetting-drying cycles on swellshrink behaviour of GPA-reinforced expansive clay beds” Geomechanics and Geoengineering: An International Journal. 15(3), pp. 172-185. (IF:1.04) DOI: <a href="https://doi.org/10.1080/17486025.2019.1634288">https://doi.org/10.1080/17486025.2019.1634288</a>	2020
4.	<b>Muthukumar, M</b> and Shukla, S.K., “Comparative study on the behaviour of Granular Pile Anchor and Helical Pile Anchor in Expansive Soil Subjected to Swelling” International Journal of Geotechnical Engineering. 14(1), pp. 49-54. (IF:1.26) DOI: 10.1080/19386362.2017.1398370	2020
5.	<b>Muthukumar, M</b> and Shukla, S.K., “ Influence of fibre on volume change attributes of expansive soils blended with lime”, Ground Improvement 172(1), pp. 37–43. DOI:10.1680/jgrim.17.00075 (IF: 0.91)	2019
6.	<b>Muthukumar, M</b> and Shukla, S.K., “Swelling behavior of expansive clay beds reinforced with encased granular pile anchors”. International Journal of Geotechnical Engineering, 12:2, 109 -117. DOI: 10.1080/19386362.2016.1254991 (IF:1.26)	2018
7.	<b>Muthukumar, M</b> and Umashankar, M. ,“A short review on construction, analysis and behavior of encased stone columns”. Disaster Advances, vol. (9) 2 Feb.2016. (IF:0.230)	2016

8.	Phanikumar, B. R. and <b>Muthukumar, M.</b> , “Swelling behaviour of GPA-reinforced expansive clay beds subjected to swell-shrink cycles” Geomechanics and Geoengineering: An International Journal, 10:4, 261-270. DOI: 10.1080/17486025.2014.985336 (IF:1.04)	2015
9.	<b>Muthukumar, M.</b> and Phanikumar, B. R., “Shrinkage behaviour of GPA-reinforced expansive clay beds subjected to swell-shrink cycles” Geotechnical and Geological Engineering. 33:475 – 485.(IF:1.54)	2015