Lab Research - Publications List

1- Sobhey, M., Shahien, M., EL Sawwaf, M. and Farouk, A. (2015), (A NUMERICAL STUDY OF SANDY SLOPES WITH PILES), International Conference on Advances in Structural and Geotechnical Engineering, April 2015, Hurghada, Egypt.

2- Sobhey, M., Shahien, M., EL Sawwaf, M. and Farouk, A. (2017), (Stability of Clay Slopes using Piles: Numerical Study), published paper in the 6th International Young Geotechnical Engineers' Conference, 2017 (iYGEC6).

3- Sobhey, M., Shahien, M., EL Sawwaf, M. and Farouk, A. (2018), (Comparison between 2D and 3D FEM Analysis of Clay slopes with piles), published paper in the 6th Africa Young Geotechnical Engineers' Conference, 2018, Sudan (AYGEC6).

4- Sobhey, M., Shahien, M., EL Sawwaf, M. and Farouk, A. (2019), (Lateral Pressure Developed on Piles in Clay Slopes: Numerical Study) published paper in the Journal of Multidisciplinary Engineering Science Studies (JMESS), ISSN: 2458-925X Vol. 5 Issue1

5- Sobhey, M., Shahien, M., EL Sawwaf, M. and Farouk, A. (2019), (Geotechnical Behavior of Rocks under high Thermal Effect), International Conference on Advances in Structural and Geotechnical Engineering, March 2019, Hurghada, Egypt.

6- Ahmed M.A. Nasr "Behavior of Strip Footing on Oil-Contaminated Sand Slope" International Journal of Physical Modelling in Geotechnics, Volume 16, Issue 3, September 2016, 134-151. (Impact Factor 5 years = 1.06, SJR = 1.03).

7- Ahmed M.A. Nasr, and Krishna R. S. "Behavior of Laterally Loaded Pile Groups Embedded in Oil-Contaminated Sand" Géotechnique, Volume 66, Issue 1, January 2016, 58 - 70. (Impact Factor 5 years = 2.242 , SJR = 3.910).

8- Ahmed M.A. Nasr and Azzam W.R. "Behavior of eccentrically loaded strip footings resting on sand" International Journal of Physical Modelling in Geotechnics, Volume 17, Issue 3, September 2017, 177-194. (Impact Factor 5 years = 1.06, SJR = 1.03).

9- Majid Hamed, Hanifi Canakci, and Ahmed M.A. Nasr "Analysis of Vertical Piles Embedded in Organic Soil under Oblique Pull-Out Load" Geotechnical Testing Journal, ASTM, Vol. 42, No. 5, September 2019, (Impact Factor 5 years = 0.786, SJR = 0.99).

10- Marawan S., Ahmed M.A. Nasr, Ahmed F. and Mohammed Harfoush "Enhancement of Lateral Behavior of Vertical Piles Embedded in Soft Clay" International Journal of Physical Modelling in Geotechnics, Accepted for publication.

11- El Sawwaf M., Ahmed M.A. Nasr, Ahmed F. and Reda A. Abdelhalim "Behavior of Laterally Loaded Piles Embedded in Oil-Contaminated Sand Slope" The ninth Alexandria international conference on structural and geotechnical engineering (AICSGE 9), 19 – 21 December 2016, Alexandria, Egypt.

12- El Sawwaf M., Ahmed M.A. Nasr, Ahmed F. and Hend I. Elsayed "Bearing Capacity of Strip Footing Resting on Oil Contaminated Sand Slopes" Int. Conf. on Advances in Structural and Geotech. Eng. ICASGE'17, 27-30 March 2017, Hurghada, Egypt.

13- Abdalla Eissa, El Sawwaf M., Marawan S. and Ahmed M.A. Nasr, "Effect of Kerosene Contamination on Geotechnical Properties of Clayey Soils" Int. Conf. on Advances in Structural and Geotech. Eng. ICASGE'17, 27-30 March 2017, Hurghada, Egypt.

14- Marawan S., Ahmed M.A. Nasr, Ahmed F. and Saeid El-Taweila "Enhancement of the Lateral Behavior of a Single Pile in Soft Clay: Numerical Investigation" Int. Conf. on Advances in Structural and Geotech. Eng. ICASGE'17, 27-30 March 2017, Hurghada, Egypt.

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