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Biography

Yara Maalouf holds a Master's Degree of Engineering in Civil Engineering from the American University of Beirut and a Bachelor Degree of Engineering in Civil Engineering from Notre Dame University-Louaize. Mrs. Maalouf joined NDU-Louaize in 2012 as a laboratory instructor. Mrs. Maalouf's research interests are in geotechnical and geophysical field and laboratory testing (Electrical resistivity, multi-channel analysis of surface waves and static and dynamic triaxial).

Peer-reviewed Journals

International

- Assaad, J. J., Harb, J., & Maalouf, Y., (2016). "Effect of vane configuration on yield stress measurements of cement pastes", Journal of Non-Newtonian Fluid Mechanics, Elsevier 230 (2016) 31-42.
- Assaad J. J., Harb J., & Maalouf Y., (2014) "Measurement of Yield Stress of Cement Pastes Using the Direct Shear Test," Journal of Non-Newtonian Fluid Mechanics, Elsevier 214 (2014) 18-27.

Peer-reviewed Conference Proceedings

International

- Khoury, N., & Maalouf, Y., "Detecting and Monitoring Oil Contamination Using Electrical Resistivity", under review for possible publication in the proceedings of the ASCE Geo-Chicago 2016, Chicago, Illinois, August 14 – 18, 2016.
- Maalouf, Y., & Khoury, N., "Use of Electrical and Geotechnical Techniques to Assess a Small Earth Dam", Under review for possible publication in the Proceedings of the ASCE Geo-Chicago 2016, Chicago, Illinois, August 14 – 18, 2016.
- Khoury, N., Maalouf, Y., & Khoury, C., "Seepage and Stability Analysis of a Small Earth Dam with Geomembranes and Geosynthetics Under Static and Dynamic Loading", Accepted for publication in the Proceedings of the GeoAmericas 2016, Miami Beach, Florida, April 10 -13, 2016
- Maalouf, Y., Najjar, S., Sadek, S., & Maakaroun, T. "Drained and Undrained Response of Soft Clays Reinforced with Fully Penetrating Sand Columns"ASCE Geo-Frontiers 2011: Advances in Geotechnical Engineering, Dallas, Texas.