

Livros:

- Fredlund, D.G. and rahardjo, H. (1993). Soil mechanics for unsaturated soils. Wiley-Interscience Publications.
- Fredlund, D.G.; Rahardjo, H. & Fredlund, M.D. (2012). Unsaturated Soil Mechanics in Engineering Practice. John Wiley & Sons.
- Lu, N. & Likos, J. (2004). Unsaturated Soil Mechanics. John Wiley & Sons.
- Murray, E. J. & Sivakumar, V. (2010). Unsaturated soils: A fundamental interpretation of soil behaviour. Wiley-Blackwell.
- Ng, C. W., Menzies, B. (2007). Advanced Unsaturated Soil Mechanics and Engineering. 1st Edition. CRC Press. 690 p. ISBN 9780367388034
- Hauser, V. L. (2009). Evapotranspiration covers for landfills and waste sites. CRC Press. 203 p. ISBN 9781420086515.
- Tindall, J. A., Kunkel, J. R. (1999). Unsaturated Zone Hydrology for Scientists and Engineers. Prentice Hall. 624 p. ISBN 978-0136607137

Artigos:

Introdução – Visão geral sobre o tema

- Siemens, G. A. (2019). Thirty-Ninth Canadian Geotechnical Colloquium: Unsaturated soil mechanics — bridging the gap between research and practice. Canadian Geotechnical Journal, 2018, 55:909-927, <https://doi.org/10.1139/cgj-2016-0709>
- Houston, S. L. (2019). It is Time to Use Unsaturated Soil Mechanics in Routine Geotechnical Engineering Practice. J. Geotech. Geoenviron. Eng., 2019, 145(5): 02519001
- Fredlund, D. G. (2006). “Unsaturated soil mechanics in engineering practice.” J. Geotech. Geoenviron. Eng. 132 (3): 286–321. [https://doi.org/10.1061/\(ASCE\)1090-0241\(2006\)132:3\(286\)](https://doi.org/10.1061/(ASCE)1090-0241(2006)132:3(286)).
- Fredlund, D. G., and S. Houston. (2009). A protocol for assessment of unsaturated soils properties for geotechnical practice. Can. Geotech. J. 46 (6): 694–707. <https://doi.org/10.1139/T09-010>.
- Alonso, E. E., A. Gens, and A. Josa. (1990). “A constitutive model for partly saturated soils.” Géotechnique 40 (3): 405–430. <https://doi.org/10.1680/geot.1990.40.3.405>.

Aspectos de Termodinâmica. Conceitos sobre medição de teor de umidade. Medição e controle da Sucção.

- Edlefsen, N. E., and A. B. C. Anderson, Thermodynamics of soil moisture, Hilgardia, 15, 31–298, 1943.

- Tang, A-M and Yu-J (2005). Controlling suction by the vapour equilibrium technique at different temperatures and its application in determining the water retention properties of MX80 clay. *Can. Geotech. J.* 42: 287–296.
- Marinho, F. A. M.; OLIVEIRA, O. M.(2006).The filter paper method revised In *Geotechnical Testing Journal.* , v.29, 250-258.
- Marinho, F. A. M.(1997). Estado da Arte - Medição de Sucção Em Solos In Estado da Arte - Medição de Sucção em Solos Volume especial - 3o Seminário Brasileiro sobre Solos Não Saturados. 2 Rio de Janeiro:

Capacidade de retenção de líquidos e a curva de retenção de água.

- van Genuchten, M. T. (1980). A closed-form equation for predicting the hydraulic conductivity of unsaturated soils. *J. Soil Sci. Soc. Am.* 44 (5): 892–898. <https://doi.org/10.2136/sssaj1980.03615995004400050002x>.
- Marinho, F. A. M.; STUERMER, M. M.(2000). The Influence of the Compaction Energy on the SWSC of a Residual Soil In Advances in Unsaturated Geotechnics Geo-Denver 2000 Denver 99 125-141ASCE - American Society of Civil Engineers.
- Marinho, F. A. M.; STUERMER, M. M.(1998). Aspects Of The Storage Capacity Of A Compacted Residual Soil In Aspects of the Storage Capacity of a Compacted Residual Soil Second International Conference on Unsaturated Soils Beijing 1998 1 581-585 Beijing, China: International Academic Publishers.
- Marinho, F. A. M.; CHANDLER, R. J.(1993). Aspects Of The Behaviour Of Clays On Drying In ASCE National Convention Unsaturated Soils Dallas 1993 39 77-90ASCE - American Society of Civil Engineers.
- Barbour, S.L. (1998). Nineteenth Canadian Geotechnical Colloquium: The soilwater characteristic curve: a historical perspective. *Canadian Geotechnical Journal*, 35(5): 873–894. doi:10.1139/t98-040.
- Marinho, F. A. M..(2018). Fundamentals of Soil Shrinkage In PanAm Unsaturated Soils 2017 Second PanAmerican Conference on Unsaturated Soils Dallas 2017 3 198 Reston: American Society of Civil Engineers.

Perfil de sucção e sua aplicação. Variação sazonal de parâmetros geotécnicos.

- Blight, G. E. (1997). Interaction between the atmosphere and the Earth. *Géotechnique* 47, No. 4, 715–767.
- Gens, A. (2010). Soil–environment interactions in geotechnical engineering. *Géotechnique* 60, No. 1, 3–74.
- Wilson, G.W., Fredlund, D.G., and Barbour, S.L. 1993. Coupled soil-atmosphere modeling for soil evaporation. *Canadian Geotechnical Journal*. Volume 31, pg. 151 – 161.

Resistência ao cisalhamento dos Solos não saturados

- Bishop, A. W., and G. E. Blight. (1963). Some aspects of effective stress in saturated and unsaturated soils. *Geotechnique* 13 (3): 177–197. <https://doi.org/10.1680/geot.1963.13.3.177>.
- Marinho, F. A. M.; Carnero, G. G. et al.(2016). Constant Water Content Compression Tests on Unsaturated Compacted Soil with Suction Measurement Using a HCT In International Journal of Geomechanics. , v.16, D4015008.
- Oliveira, O. M.; LI, P.; Marinho, F. A. M. And Vanapali, S..(2016). Mechanical Behaviour of a Compacted Residual Soil of Gneiss from Brazil under Constant Water Content Condition. *Indian Geotechnical Journal.* , v.5, 1-10
- Marinho, F. A. M.; OLIVEIRA, O. M.. (2011). Unconfined shear strength of compacted unsaturated plastic soils In *Proceedings of the Institution of Civil Engineers. Geotechnical Engineering*.
- Marinho, F. A. M.; STANDING, J. R. et al.(2003). Soil suction development under isotropic loading and unloading in a compacted residual soil In *Solos e Rochas.* , v.26, 115-128.