

Referências Bibliográficas

ABDELRAHMAN, G. E.; ABDELBAKI, M. S.; BALIGH, F. A. Compaction Grouting in sand. **Civil Engineering Research Magazine**, Al-Azhar University, v. 25, 2003, p. 19.

ALVES, R. M. **Estudo de modelação da consolidação acelerada por drenos verticais tomando em consideração a fluência do terreno**. Dissertação para obtenção do Grau de Mestre. Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, Lisboa, 2011, 156p.

ANDRUS, R. D.; CHUNG, R. M. **Ground Improvement Techniques of Liquefaction Remediation near existing lifelines**. U. S. Department of Commerce, Gaithersburg, MD, 1995, 85p.

ASCE **ASCE/G-I 53-10: Compaction Grouting Consensus guide**. American Society of Civil Engineers, 2010.

AU, S. K.A., SOGA, K., JAFARI, M. R., BOLTON, M. D., KARIM, U. F. A., KOMIYA. **Experimental and Numerical Investigation of Compensation Grouting in clay**. Proceedings of GeoEng, Melbourne, 2000.

AU, S. K.A., SOGA, K., JAFARI, M. R., BOLTON, M. D., KOMIYA, K. Factors affecting long-term efficiency of compensation grouting in clays. **Journal of the Geotechnical and Geoenvironmental Engineering**, ASCE, v. 129, n. 3, 2003, p. 254-262.

BEZUIJEN, A. **Compensation Grouting in sands**. Experiments, field experiences and mechanism, Delft, 2010, 212p.

BISHOP, R. F.; HILL, R.; MOTT, N. F. The theory of indentation and hardness tests. **Proceedings of the physical society**. London, England, v. 57, n. 3, 1945, p. 147-149.

BROWN, D. R.; WARNER J. Compaction Grouting. **Journal of the Soil Mechanics and Foundations Division**, ASCE, v. 100, n. 6, 1973, p. 653-666.

CHADWICK, P. The Quasi-Static Expansion of a Spherical Cavity in metals and ideal soils. **Quarterly Journal of Mechanics and Applied Mathematics**, v. 12, pt. 1, 1959, p. 52-71.

CHAN, M. P. **Analysis and modeling of grouting and its application in civil engineering**. Faculty of Engineering and Surveying, University of Southern Queensland, 2005, 98p.

DAYAKAR, P.; VENKAT RAMAN, K.; RAJU, K. V. B. Study on Permeation Grouting using cement grout in sandy soil. **Journal of Mechanical and Civil Engineering**, v. 4, n. 4, 2012, p. 5-10.

EL-KELESH, A., MATSUI, T. Compaction Grouting and Soil Compressibility. **Proceedings of the Twelfth (2002) International Offshore and Polar Engineering Conference**. Kitakyushu, Japan: The International Offshore and Polar Engineering Conference, 2002, p. 563-568.

EL-KELESH A., MOSSAAD M. E., BASHA I. M. Model of Compaction Grouting. **Journal of the Geotechnical and Geoenvironmental Engineering**, ASCE, v. 127, n. 11, 2001, p. 955-964.

ESSLER, E. D.; DROOFF, E. R.; FALK, E. Compensation Grouting, concept, theory and practice. **Proceedings, Advances in Grouting and Grout Modification**, ASCE, 2000, p. 1-15.

HENRIQUEZ PANTALEÓN, C. I. **Mejora de terrenos potencialmente licuables con Inyecciones de Compactación**. Departamento de Ingeniería y Morfología del terreno, Universidad Politécnica de Madrid, Madrid, 2007, 691p.

HUSSIN, J. D. **The Foundation Engineering Handbook**. 2006, p. 530-565.

GERACI, J. Compaction Grouting for in-situ ground improvement. **Structure magazine**, 2005, p. 30-33

GIBSON, R. E. Discussion, **Journal of the Institution of Civil Engineers**, v. 34, 1950, p. 382.

GIBSON, R. E.; ANDERSON, W. F. In-situ measurement of soil properties with the pressuremeter. **Civil Engineering and Public Works Review**, v. 56, 1961, p. 615-618.

GRAF, E. D. Compaction Grouting technique and observations. **Journal of the Soil Mechanics and Foundations Division**, ASCE, v. 95, n. 5, 1969, p. 1151-1158.

GRAF, E. D. Compaction Grouting. **Grouting, soil improvement and geosynthetics, Geotechnical Special Publication**, ASCE, v. 1, n. 30, 1992, p. 275-287.

GREENWOOD, D. Underpinning by grouting. **Ground Engineering**, London, v. 20, n. 3, 1987, p. 21-32.

GRIFFITH, C. **Soil Improvement Through Vibro-compaction and Vibro-replacement**. Department of Civil Engineering. University of Maryland, 1991, p. 1-57.

KÉRISEL, J. La mécanique des sols: recherches et investigations récentes. **Travaux**, v. 42, 1958, p. 874-878.

LIMA, B. T., **Modelagem Numérica da Construção de Aterro Instrumentado na Baixada de Fluminense, Rio de Janeiro**. Dissertação de Mestrado. Faculdade de Engenharia, Universidade do Estado do Rio de Janeiro – UERJ, Rio de Janeiro, 2007, 135p.

MC CABE, B. A.; MC NEILL, J. A.; BLACK, J. A., **Ground improvement using vibro-stone column technique**. Geotechnical Society of Ireland, NUI Galway, 2007, p. 1-12.

MELLO, M. A. **A Consolidação Profunda Radial aplicada em solo compressível na Lagoa Rodrigo Freitas/RJ**. Dissertação de mestrado. Instituto Militar de Engenharia, Rio de Janeiro, 2013, 210p.

MÉNARD, L. **Lecons sur la théorie mathématique de l'asticité des corps solides**, Paris, France, 1852.

MENDES, M. M. **Estudo de modelação da consolidação acelerada por drenos verticais tomando em consideração a influência do terreno**. Dissertação para obtenção do Grau de Mestre. Instituto Superior Técnico, Universidade Técnica de Lisboa, Lisboa, 2011, 86p.

NI, J. C.; CHENG, W. Monitoring and Modeling Grout Efficiency of Lifting Structure in Soft Clay. **International Journal of Geomechanics**, ASCE, v. 10, n. 6, 2010, p. 223-229.

NIETO, A.; CAMACHO, J.; RUIZ, E. Determinación de parâmetros para los modelos elastoplásticos Mohr-Coulomb y Hardening Soil en suelos arcillosos. **Revista Ingenierias Universidad de Medellín**, v. 8, n. 15, 2009, p. 75-91.

NICHOLS, S.C.; GOODINGS, D. J. Physical model testing of compaction grouting in cohesionless soil. **Journal of the Geotechnical and Geoenvironmental Engineering**, ASCE, v. 126, n. 9, 2000, p. 848-852.

NICHOLSON, D. P.; GAMMAGE, C.; CHAPMAN, T. The use of element methods to model compaction grouting. **Proceeding, Grouting in the Ground**. Institution of Civil Engineer Thomas Telford, London, 1992, p. 297-312.

NOGUEIRA, E. **Estudo de algumas soluções de tratamento de solos moles para construção de aterros no trecho sul do Rodoanel – SP**. Dissertação de mestrado. Departamento de Engenharia Civil, Escola Politécnica da Universidade de São Paulo, São Paulo, 2010, 166p.

PEREIRA, C. D. **Aplicação de Jet-Grouting em escavações profundas em solos moles**. Dissertação para a obtenção do grau de mestre em Engenharia Civil. Faculdade de Engenharia da Universidade de Porto, 2008, 194p.

REMBCO. The Stabilizing Force. Geotechnical Contractors, Inc. Disponível em: <http://www.rembco.com/compaction_grouting.html>.

RIBEIRO, A. L. S. **Técnica de tratamento de solos – Jet Grouting**. Acompanhamento de um caso real de estudo – Cais de Santa Apolónia e Jardim do Tabaco. Dissertação de mestrado, Universidade Técnica de Lisboa, 2010, 99 p.

ROBERTO, I. M. **Colunas de jet-grouting na construção tuneis**. Dissertação para a obtenção do grau de Mestre em Engenharia Civil na área de especialização de estruturas, Instituto Superior de Engenharia Civil de Lisboa, 2012, 98 p.

ROMANEL C. **Notas de aula de Mecânica de Solos**. Departamento de Engenharia Civil, Pontifícia Universidade Católica de Rio de Janeiro, Rio de Janeiro, 2012.

SA Soluções de Engenharia. Boletim Técnico 02: **Estabilização de solos moles com Consolidação Profunda Radial – CPR**. Disponível em: <<http://www.sasolucoesdeengenharia.com/boletins.htm>>.

SCHANZ, T.; VEREER, P.A.; BONNIER, P. G.. The hardening soil model: Formulation and verification. **Plaxis Symposium: Beyond 2000 in Computational Geotechnics – 10 Years of Plaxis**, Balkema, Rotterdam, 1999, p. 281-296.

SHUTTLE, D.; JEFFERIES, M. Prediction and validation of compaction grouting effectiveness. **Advances in Grouting and Ground Modification**, ASCE, p. 48-64.

STAPELFELDT T. **Preloading and vertical drains**. Helsinki University of Technology, 2006, p. 1-27.

TECNOGEO. Soluções em Geotecnia Fina. <www.tecnogeo.com.br>.

VESIC, A. S.; CLOUGH, G. W. Behavior of granular materials under high stresses. **Journal Soil Mechanics and Foundations Division**, ASCE, v. 94, n. 3, 1968, p. 661-688.

VESIC, A. S. Expansion of cavities in infinite soil mass. **Journal Soil Mechanics and Foundations Division**, ASCE, v. 98, n. 3, 1972, p. 265-290.

WARNER J.; BROWN D. R. Planning and Performing Compaction Grouting. **Journal of the Geotechnical Engineering Division**, ASCE, v. 100, n. 6, 1974, p. 653-666.

WARNER J. Compaction grout; rheology vs. effectiveness. **Grouting, soil improvement and geosynthetics, Geotechnical Special Publication**, n. 30, v. 1, ASCE, New York, 1992, p. 229-239.

WEHR, J.; WEGNER, R.; FELIX DOS SANTOS, M. Soft Soil Improvement-The Vibro Replacement Techniques. **New Techniques of Soft Soil**. Symposium on New Techniques for Design and Construction in Soft Clay, 2010, p. 193-200.

WONG, H. Y. Discussion of compaction grouting. **Journal of the Geotechnical Engineering Division**, ASCE, v. 100, n. 5, 1974, p. 556-559.

WONG, L. W.; SHAU, M. C.; H. T. CHEN. Compaction grouting for correcting building settlement. **Proceeding of 2nd International Conference on Ground Improvement Geosystems**, v. 1, Tokyo, 1996, p. 231-236.

WU, J. Y. **Numerical Modeling the Behavior of Ground Improvement in Soft Clay**. Department of Civil Engineering and Engineering Informatics, Chung Hua University, n. 707, 8p.