

## DAFTAR PUSTAKA

- Bowless, J.E., (1996), *Foundation Analysis and Design*, McGraw-Hill Kogakusha, Ltd., Tokyo, Japan.
- Carson, A.B.,(1965), *Foundation Construction*, McGraw Hill, New York.
- Chen,F.H. (1975;1978), *Foundation of Expansive Soils*, American Elsevier Science Publication, New York.
- Fredlund, D. G.(1999), *The Stress State of Expansive Soils in The Emergence of Unsaturated Soil Mechanics-Fredlund Volume*, NRC Research Press, Ottawa.
- Grim, R.E.(1953), *Clay Mineralogi*, McGraw Hill, New York.
- Hardiyatmo, H.C.,(2007), *Mekanika Tanah I, Edisi keempat*, Gadjah Mada University Press, Yogyakarta.
- Hardiyatmo, H.C.,(2007), *Mekanika Tanah II, Edisi keempat*, Gadjah Mada University Press, Yogyakarta.
- Hardiyatmo, H.C.,(2010), *Analisis dan Perancangan Fondasi bagian I, Edisi pertama*, Gadjah Mada University Press, Yogyakarta.
- Hardiyatmo, H.C.,(2010), *Analisis dan Perancangan Fondasi bagian II, Edisi pertama*, Gadjah Mada University Press, Yogyakarta.
- Hardiyatmo, H.C.,(2014), *Tanah Ekspansif*, Edisi pertama, Gadjah Mada University Press, Yogyakarta.
- Hicks, R.G. (2002), *Alaska Soil Stabilization Design Guide, Department of Transportation and Public Facilities Research & Technology Transfer*, Fairbanks, AK 99709-5399
- Ingles, O.G. and Metcalf, J.B.(1972), *Soil Stabilization-Principles and Practice*, Butterworths, Sydney, Melbourne, Brisbane.

- Johnson, L.D. and Strowman, W.R.(1976), *Analysis of Behavior of Expansive Soil Foundations*, Technical Report S-76-8, US, Army Waterways Experiments Station, Vicksburg, Miss.
- Lambe, T.W. and Whitman, R.V. (1959), *The Role of Effective Stress in The Behavior of Expansive Soils*, Quarterly of The Colorado School of Mines, Vol.54, No.4., October 1959.
- Lambe, T.W.(1960), *Compacted Clays; Structure*, Trans. ASCE, Vol.125, pp.628-717
- Mitchell, J.K.(1976), *Fundamental of Soil Behavior*, John Willey and Son, Inc. New York.
- Nelson, J.D. dan Miller, D.J.,(1992), *Expansive Soil-Problems and Practice in Foundation and Pavement Engineering*, John Wiley and Sons, Inc.New York.
- Nuraida., (2012), *Nilai Kuat Tekan Bebas Tanah Lempung Ekspansif Dicampur Kapur dan Semen Sebagai Pembuat Batu Bata*, Jurusan Teknik Sipil Fakultas Teknik Universitas Gadjah Mada.
- Pradipta, W.D. (2014), *Pengaruh Kadar Air Tanah Lempung pada Tahanan Gesek Tiang*, Jurusan Teknik Sipil dan Lingkungan Fakultas Teknik Universitas Gadjah Mada.
- Pradiptiya, A. (2012), *Uji Beban Tarik pada Tiang Untuk Penentuan Modulus Gesek Tiang*, Program Pasca Sarjana Universitas Gadjah Mada.
- Purwoko dan Fendi, H., (2009), *Physics II*, Yudhistira.
- Reese, L.C. and O'Neill, M.W. (1989), *New Design Method for Drilled Shaft From Common Soil and Rock Tests*, Foundation Eng. Current Principles and Practices, pp. 1026-1039.
- Rollings, M.P. and Rollings JR, R.S. (1966), *Geotechnical Material in Construction*, McGraw-Hill, New York Washington, DC.

- Seed, H.B., Woodward, R.J. and Chan, C.K.(1959), *Structure and Strength Characteristics of Clay*, Journal, Soil Mech. And Foundation Div.,ASCE, Vol.85, SM5, pp.87-128.
- Skempton, A.W. (1951), *The Bearing Capacity of Clays*, Proc. Build. Res. Congres, London, England.
- Sorochan, E.A., (1991), *Construction of Building on Expansive Soils*, A.A Balkema/Rotterdam, Brookenfield.
- Snethen,D.R.,Townsend, F.C, Johnson, D., Patrick, D.M., and Vedros, P.J. (1975), *A Review of Engineering Experiences With Expansive Soils In Highway Subgrades*, dalam Report No. FHWA-RD-75-48, *Prepared for Federal Highway Administration*, Washington, D.C.
- Supriyono., (2014), *Tekanan Kembang Tanah Lempung Ekspansif terhadap Pile Heaving*, Jurusan Teknik Sipil Fakultas Teknik Universitas Gadjah Mada.
- Teng, W.C.,(1962), *Foundation Design*, Prentice-Hall, Englewood Cliffs, N.J.
- Widodo, T., (2011), *Efektifitas Penambahan Matos pada Stabilitas Semen Tanah Berbutir Halus*.
- Tomlinson, M.J., (1977; 1994), *Pile Design and Construction Practice*, *The Garden City Press Limited*, Lechworth, Herfordshire SG6 IJS.
- Vesic, A.S., (1976), *A study of Bearing Capacity of Deep Foundation*, Final Rep. Proj. B-189, School of Civil Eng, Georgia, Atlanta.
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