

DAFTAR PUSTAKA

- ASTM D 2216 – 98., *Standard Test Method Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass.*
- ASTM D 3441 – 98., *Standard Test Method for Mechanical Cone penetration Tests of Soil.*
- ASTM D 421 – 85 (Reapproved 1998)., *Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants.*
- ASTM D 421 – 85 (Reapproved 1998)., *Standard Test Method for Particle-Size Analysis of Soil.*
- ASTM D 864 – 02., *Standard Test Method for specific Gravity of Soil Solids by Water Pycnometer.* Baker, S., 2000, “*Deformation Behavior of lime/cement Column Stabilized clay*”, Thesis for Ph.D, Department of Geotechnical Engineering, Chalmers University of Technology, Goterberg.
- Bowless, J.E., 1984, *Sifat-sifat Fisis dan Geoteknis Tanah*, Edisi Kedua, Erlangga, Jakarta.
- Coduto, D.P., 2001. *Foundation Design: Principles and Design*, 2nd Edition, Prentice Hall, Ch. 14.
- Gallagher, M. P., Conlee, C.T., dan Rollins, K. M., 2007, *Full-Scale Field Testing of Colloidal Silica Groutin for Mitigation of Liquefaction Risk*, Journal of Geotechnical and Geoenvironmental Engineering, ASCE , Februari, 2007.

- Hardiyatmo, C.H., 2002, *Teknik Fondasi I Edisi Kedua*, Beta Offset, Yogyakarta.
<http://www.gees.use.edu/repart/harbor/harbor.html>
<http://www.geotek.lipi.go.id/?p=57>
- Kempfert, H.G., 2003. Ground improvement methods with special emphasis on column-type techniques, In Vermeer, Schwiger, and Cudny (Editors.), *Proceeding of International Workshop on Geotechnics of Soft Soil: Theory and Practice*, Netherlands, Verlag Glückauf, 101-112.
- Lee, S.H.H., Ching, H.H., dan Muntohar, A.S., 2006. Study on Liquefaction Problem of Yogyakarta Area at 052706 Earthquake, *Proceeding International Seminar and Symposium on Earthquake Engineering and Infrastructure & Building Retrofitting (EE & IBR)*, 28 Agustus 2006, Yogyakarta, 6-10.
- Liu, C.N dan Chen, C.H., 2006, *Mapping Liquefaction Potential Considering Spatial Correlations of CPT Measurements*, *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE , September, 2006.
- Mitchell, J. K., Baxter, C. D. P., and Munson, T. C., 1995, *Performance of Improved Ground during Earthquakes*, In Hryciw, R. D.(Editor): *Soil Improvement for Earthquake Hazard Mitigation*, Geotechnical Special Publication No. 49, ASCE, 1-36.
- Muntohar, A.S., and Liao, H.J., 2006, Strength distribution of the soil surrounding lime-column, In Chan, D., and Law, K.T. (Eds.) : *Proceeding 4th International Conference on Soft Soil Engineering*, 2-6 October 2006, Vancouver, Canada, 315-319.

- Oktoviar, E., 2008 . Aplikasi Teknik Kolom-Semen (*Cemen-Column*) Pada Tanah Berpasir, Tugas Akhir Jurusan Teknik Sipil, Fakultas Teknik UMY,
- Seed, R.B., Cetin, K.O., Moss, R.E.S., Kammerer, A.M., Wu, J., Pestana, J.M., and Riemer, M.F., 2001, Recent advances in soil liquefaction engineering and seismic site response evaluation, Proceeding 47th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamic, 26-31 March 2001, San Diego, California, USA, 1 – 45.
- Soedarmo, Ir. G. Djatmiko dan Purnomo, Ir. S. J. Edi (2007) Mekanika Tanah I .Penerbit Kanisius (Anggota IKAPI), Yogyakarta.
- Tanaka, Y., Nakajima, Y., and Tsuboi, H. (1991). Liquefaction control works. Symposium on Control of Soil Liquefaction, Japanese Society of Soil Mechanic and Foundation Engineering., Tokyo, 33–38 (in Japanese).
- Towhata, I., 2008., *Geotechnical Earthquake Enginering*, Springer-Verlag Berlin Heidenberg.