

REFERENCES

- Aichi Prefectural Government, 1996. *Steep Slope Collapse Prevention Construction Technical Guidelines (in Japanese)*, Aichi Prefecture: Aichi Prefectural Government.
- Alavi, A. H. & Sadrossat, E., 2015. New Design Equations for Estimation of Ultimate Bearing Capacity of Shallow Foundations Resting on Rock Masses. *Geoscience Frontier*, pp. 1-10.
- Amalia, N., 2015. *Analisis Stabilitas Lereng Kawasan Situs Ratu Boko Akibat Tambahan Beban Bangunan dan Pengaruh Kadar Air*, Yogyakarta: Jurusan Teknik Sipil dan Lingkungan, Fakultas Teknik, Universitas Gadjah Mada.
- Bangunan, Direktorat Penyelidikan Masalah, 1983. *Peraturan Pembebanan Indonesia untuk Gedung*, Bandung: Yayasan Lembaga Penyelidikan Masalah Bangunan.
- Bowles, J. E., 1997. *Foundation Analysis and Design*. 5th ed. Singapore: McGraw-Hill.
- Brinkgreve, R., Broere, W. & Waterman, D., 2006. *Manual Plaxis 2D*. 8th ed. Delft: Plaxis.
- Buhan, P. D. & Garnier, D., 1998. Three Dimensional Bearing Capacity Analysis of a Foundation Near a Slope. *Soils and Foundations*, 38(3), pp. 153-163.
- Cahyono, M., 2006. *Pemetaan Kerentanan Tanah Daerah Rencana Pembangunan Terowongan Jalan Ruas Kec. Piyungan - Kec. Patuk, DIY*, Yogyakarta: Jurusan Teknik Geologi, Universitas Gadjah Mada.
- Chai, J., 2000. Shallow Foundations. In: W. Chen & L. Duan, eds. *Bridge Engineering Handbook*. California: CRC Press.
- Cheng, Y. & Lau, C., 2008. *Slope Stability Analysis and Stabilization*. 1st ed. New York: Routledge, Taylor and Francis Group.
- Chowdhury, R., 2010. *Geotechnical Slope Analysis*. 1st ed. London: CRC Press.
- Das, B. M., 2008. *Advanced Soil Mechanics*. 3rd ed. New York: Taylor and Francis e-Library.
- Direktorat Penyelidikan Masalah Bangunan, 1983. *Peraturan Pembebanan Indonesia Untuk Gedung*, Bandung: Yayasan Lembaga Penyelidikan Masalah Gedung.
- Hidayat, R. F., 2014. *Analisis Pergerakan Dinding Penahan Tanah Plaza Andrawina, Komplek Situs Ratu Boko, Yogyakarta*, Yogyakarta: Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.

Hiroshi, T. & Kosuke, G., 2013. *MPS 法による法面崩壊シミュレーション*. Shizuoka, s.n.

Hoek, E., 1983. Strength of Jointed Rock Masses. *Géotechnique*, 23(3), pp. 187-223.

Hoek, E., Carranza-Torres, C. & Corkum, B., 2002. Hoek-Brown Failure Criterion - 2002 Edition. *Proc. NARMS-TAC Conference*, Issue 1, pp. 267-273.

Hoek, E., Carter, T. & Diederichs, M., 2013. *Quantification of the Geological Strength Index Chart*. [Online] Available at: <https://www.rocscience.com/assets/files/uploads/9116.pdf> [Accessed 2 September 2014].

Hoek, E. & Diederichs, M., 2006. Empirical Estimation of Rock Mass Modulus. *International Journal of Rock Mechanics and Mining Sciences*, Issue 43, pp. 203-215.

International Sabo Network, 2015. *International Sabo Network*. [Online] Available at: <http://www.sabo-int.org/dott/slope.html>

Ip, K. W., 2005. *Bearing Capacity for Foundation Near Slope*, Ottawa: Library and Archive Canada.

Kayuzuki, T., Seiiku, M., Sinichi, K. & Takaku, M., 2003. *急傾斜地崩壊による崩土到達距離と下端に隣接する急傾斜地以外の土地の傾斜度の関係について*. s.l., Sabo Frontier Foundation.

Krahn, J., 2004. *Stability Modeling with SLOPE/W, An Engineering Methodology*. 1st ed. Alberta: GEO-SLOPE/W International Ltd.

Kunimoto, M., 2003. *Applications and Advantages of Hazard Maps for Sabo Dam in Japan*, s.l.: International Training Program on Total Disaster Risk Management.

Look, B. G., 2007. *Handbook of Geotechnical Investigation and Design Tables*. 1st ed. London: Taylor & Francis Group.

Marinos, V., Marinos, P. & Hoek, E., 2005. The geological strength index: applications and limitations. *Bulletin of Engineering Geological Environment*, Issue 64, pp. 55-65.

Marinos, V., Marinos, P. & Hoek, E., 2005. The Geological Strength Index: Applications and Limitations. *Bulletin Engineering Geological Environment*, Issue 64, pp. 55-65.

Ministry of Land, Infrastructure, and Tourism; Infrastructure Development Institute, Japan, 2004. *Guidelines for Development of Warning and Evacuation System Against Sediment Related Disasters in Developing Countries*, Japan: Ministry of Land, Infrastructure, and Tourism.

Osanai, N., Uchida, T., Sokabe, M. & Terada, H., 2005. *Research on a Method of Estimating the Area of Shallow Landslide Damage to Houses*, Japan: National Institute of Land Infrastructure Management.

Saada, Z., Maghous, S. & Garnier, D., 2011. Seismic Bearing Capacity of Shallow Foundations Near Rock Slopes using the Generalized Hoek-Brown Criterion. *International Journal for Numerical and Analytical Methods in Geomechanics*, Volume 35, pp. 724-748.

Sarita, U., 2013. *Evaluasi Stabilitas Lereng Situs Ratu Boko Berdasarkan Simulasi Numeris*, Yogyakarta: Program Pascasarjana Fakultas Teknik Universitas Gadjah Mada.

Sharma, S., 2002. Slope Stability Concepts. In: *Slope Stability and Stabilization Methods*. New York: John Wiley & Sons, Inc., p. 415.

Sharma, S., Abramson, L. W., Lee, T. S. & Boyce, G. M., 2002. *Slope Stability and Stabilization Methods Second Edition*. New York: John Wiley & Sons, Inc..

Tajeri, S., Sadrossadat, E. & Bazaz, J. B., 2015. Indirect Estimation of the Ultimate Bearing Capacity of Shallow Foundations Resting on Rock Mass. *International Journal of Rock Mechanics & Mining Sciences*, Issue 80, pp. 107-117.

Transportation Research Board , 2001. *Rock-Socketed Shafts for Highway Structure Foundation*. NCHRP Synthesis 360 ed. Washington D.C: Transportation Research Board.

Transportation Research Board, 2010. *LRFD Design and Construction of Shallow Foundations for Highway Bridge Structures*. NCHRP Report 651 ed. Washington D.C: Transportation Research Board.

Trisani, F. A., 2015. *Stabilitas Lereng Kawasan Situs Ratu Boko Akibat Pengembangan Infrastruktur Berdasarkan Simulasi Numeris Plaxis*, Yogyakarta: Jurusan Teknik Sipil dan Lingkungan, Fakultas Teknik, Universitas Gadjah Mada.