

BIBLIOGRAPHY

- Abdullah Ibrahim, (2006): On the presence of pre-Carboniferous metasediments in the Eastern Belt: A structural view. *Bull. Geol. Soc. Malaysia.* 49. p79-84.
- Abramson L. W., Lee T. S., Sharma S., Boyce G. M.,(1996): Slope Stability and Stabilization Methods. John Wiley and Sons, Inc., New-York, 1st ed pp 629.
- Anonymous, (1985): Laporan Kemajuan: Pemetaan geologi, Kawasan Teluk Datuk-Sepang, Syit 101-2, Selangor. *Annual Report, 1985, Geol. Survey of Malaysia.* P191-185
- Anonymous, (1989): Regional Geology- Penninsular Malaysia. *Annual Report. 1989, Geol. Survey of Malaysia* p42-58.
- Anonymous, (2008): Climatic Data. Drainage and Irrigation Department, Malaysia.
- Barton, N.R. (1973): Review of a new shear strength criterion for rock joints. *Eng Geol.* 7, 287-332.
- Barton, N.R. (1976): The shear strength of rock and rock joints. *Int. J. Mech. Min. Sci. & Geomech. Abstr.* 13 (10), 1-24.
- Barton, N.R. (2006): Rock quality, seismic velocity, attenuation and anisotropy. Taylor & Francis, Leiden, The Netherlands. p509.
- Barton, N.R. and Choubey, V. (1977): The shear strength of rock joints in theory and practice. *Rock Mech.* 10(1-2), 1-54.
- Bell, F.G. (2000): Engineering Properties of Soils and Rocks. 4th Ed. Blackwell Scientific Publishers, Oxford. p356.
- Bhasin R. , Nick Barton, Eystein Grimstad, and Panayotis Chryssanthakis. (1995): Engineering geological characterization of low strength anisotropic rocks in the Himalayan region for assessment of tunnel support. *Engineering Geology* 40 , p169-193
- Boucot, A.J., Johnson, J.G., and Jones C.R.,(1966): Silurian brachiopods from Malaya. *Journal Paleontol.* 40, 1027-1031.
- BSI (1981): Code of Practice for Site Investigations (BS 5930 : 1981). *British Standards Institution*, London, 148 p.
- Choy, K.W., (1970): Geology of the western Kuala Lumpur area, West Malaysia. B.Sc. Hons. Thesis (unpublished) Univ. Malaya.

Chuah A.L. (1973): The geology and petrology of the north-eastern Kuala Lumpur area, Selangor, Peninsular Malaysia. B.Sc. (Hons) Thesis (Unpublished.), Univ. Malaya. 66p.

Deere, D.U. and Miller, R.P. (1966): *Engineering classification and index properties of rock*. Technical Report No. AFNL-TR-65-116. Albuquerque, NM: Air Force Weapons Laboratory.

Eberhardt, E. (2003): Rock Slope Stability Analysis – Utilization of Advanced Numerical Techniques. Earth and Ocean Sciences at UBC. Course Notes. <http://www.eos.ubc.ca/personal/erik/e-papers/EE-SlopeStabilityAnalysis.pdf>.

Ershov, V.V., Novikov, A.A., and Popova, G.B., (1988): Fundamentals of Geology. Mir Publishers, Moscow.

Fauziah, A. et al., (2002): GIS application on slope stability. *Proceeding of the 2nd IKRAM International Geotechnical Conference*, pp. 159 – 165.

Giani G.P. (1992) : Rock slope stability analysis, Balkema, Rotterdam. p103

Gobbert, G.J. ,(1964): The Lower Palaeozoic rocks of Kuala Lumpur, Malaysia. *Fed. Mus.Jour.* , New Series,V.IX, p.67-79.

Gobbert, G.J. ,(1965): The Lower Palaeozoic rocks of Kuala Lumpur, Malaysia. *Fed. Mus.Jour.* ,9, 67-79.

Gobbert D.J. and Hutchison, C.S., (1973): Geology of Malay Peninsular. John Wiley & Sons, Inc.

Gupta A.S. and Seshagiri R. K. (2000): Weathering effect on the strength and deformational behaviour of crystalline rocks under uniaxial compression state. *Jour Engineering Geology* 56(3-4):257-274.

Hoek, E. and Bray J.W. (1977): Rock slope engineering. Revised 2nd ed. London, p22.

Hoek, E. (2007): Shear Strength of Discontinuities. Chapt. 4, in Practical Rock Engineering. <http://www.rockscience.com/hoek/PracticalRockEngineering>

Hunt E. Roy (2005): Geotechnical Engineering Investigation Handbook. 2nd Ed. CRC Press LCC. p700.

Hutchison, C.S., (1968.): Physical and chemical differentiation of West Malaysian Limestone Formations. *Bull Geol. Soc. Malaysia* 1, 45-56.

Hutchinson, C.S. (1977): Granite emplacement and tectonic subdivision of Peninsular Malaysia. *Bull. Geol. Soc. Malaysia* 9. p187-207.

Iloeje, N. P. (1981): A New Geography of Nigeria. Longman, Lagos.

ISRM (Int. Soc. Rock. Mechanics) (1979): Suggested methods for determining water content, porosity, density, absorption and related properties and swelling and lake-durability index properties. *Int. J. Rock Mech. Min. Sci. & Geomech. Abstr.*, V.16,p.141-156.

Jasmi, A.T., (2003): Probabilistic landslide susceptibility analysis and verification using GIS and remote sensing data at Penang, Malaysia. *Geological Society of Malaysia* 46, pp. 173 – 179.

Khoo, T.T. (1994): Geology of Kuala Lumpur. *Field Guide, AAPG Int. Conf. & Exhibition*, Kuala Lumpur. P1-11.

Kliche A. Charles: (1999): Rock Slope Stability. *Soc. for Mining Metallurgy & Exploration*. p2.

Komoo Ibrahim, Ibrahim Abdullah, and Juhari Mat Akhir (1985): Ketakselarangan dan kestabilan cerun batuan di bukit Taman Melawati, Wilayah Persekutuan. *Sains Malaysiana- Sains Bumi*, Univ. Kebangsaan Malaysia, V14, No.1, p65-82.

Kornprobst, Jacques (2002): Metamorphic rocks and their geodynamic significance : a petrological handbook, Dordrecht ; Boston : Kluwer Academic Publishers. p44.

Marinos P.G., Koukis G.C., Tsiambous G.C., and Stournaras G.C. (1997): Engineering Geology and Environment. Balkema, Rotterdam. p145.

Mohamad Hamzah, Mohd. Faizal Abdulla, Rashidah Abd. Karim, and Mohd. Johari Yakoob (1986): Pembanding fasies metamorf Formasi Bukit Kenny dan Skis Dinding. *Sains Malaysiana- Sains Bumi*, Univ. Kebandsaan Malaysia, V 15, No.1, p13-24.

Moore, W.G. (1978): The Penguin Dictionary of Geology. England - Hazell Watson and Viney, pp.92.

Mustapha Kamal Shuib and Tajul Anuar Jamaluddin (2006): A hazard assessment of a granite cut-slope in a hillside development off Jalan Kuari Cheras, Selangor. *Bull. Geol. Soc. Malaysia*. No. 49. pp1-4.

Nelson A. S. (2005): Lecture note on mass-wasting and mass-wasting processes. Department of Earth and Environmental sciences. Tulane University, Avenue New Orleans, LA.

Nelson A. S. (2007): Lecture note on Natural Disasters. Department of Earth and Environmental sciences. Tulane University, Avenue New Orleans, LA .

Nkpadobi J. I. and Raj J.K. (2008): Shear strength along foliation planes in meta-Rhyolitic tuff from the Dinding Schist, Kuala Lumpur. *Warta Geologi*, Vol. 34, No.2, pp151-155.

- Patton, F.D. (1966): Multiple modes of shear failure in rock. *Proc. 1st congr. Int. Soc. Rock Mech.*, Lisbon 1, 509-513.
- Priest, S.D. (1992): Discontinuity Analysis For Rock Engineering, Chapman & Hall, London. 473 p.
- Raj, J.K. (1983): A study of residual soils and their cut slope stability in selected areas of Peninsular Malaysia. PhD Thesis (unpublished), Univ. Malaya.
- Raj, J.K. (1985): Characaterisation of the weathering profile developed over a porphyritic biotite granite in Peninsular Malaysia. *Bull. Int.Ass. Eng. Geol.*No.32 p121-128.
- Raj, J.K. (1998): The Failure of a Slope Cut into the Weathering Profile developed over a Porphyritic Biotite Granite. *Journal of Asian Earth Sciences*. Vol. 16, No.4 pp.419-427. Elsevier Science Ltd. Great Britain.
- Raj, J.K. (2000): Weathering and weathering profiles; short course on Eng. Geol. *The institution of Engineers, Malaysia*, p2-3.
- Raj, J.K. (2003): Guidelines to prevention of slope failure related disasters in granitic bedrock areas of Malaysia. *Bull. Geological Society of Malaysia*, 46, pp 11-17.
- Raj, J.K. (2004a): Failures at slope cuts in clastic sedimentary bedrock in Malaysia. *Bull. Geological Society of Malaysia*, 48. pp25-29.
- Raj, J.K. (2004b): Physical and mechanical properties of a meta-rhyolitic tuff from the Dinding schist. *Newsletter Geol. Soc. Malaysia*, v.30, p.177-182.
- Robinson, D.A. and Williams, R.B.G. (1994): Sandstone weathering and landforms in Britain and Europe. In D.A. Robinson and R.B.G.Williams (eds.), Rock weathering and landform evolution, 371-391, Chichester: Wiley.
- Rogers J. David and Doyle Brigit C.(2003): Identification and classification of lateral spread features in the new madrid seismic zone. Engineering Geol Posters. *Geological Society of America Abstracts with Programs*, Vol. 35, No. 6, September 2003, p. 142.
- Stauffer, P.H., (1968): The Kuala Lumpur fault zone: a proposed major strike-slip fault across Malaya. *Newsl. Geol. Soc. Malaysia*, 33, 5-8.
- Stauffer, P.H.(1973): Kenny Hill Formation. In : Gobbett, D.J. and Hutchison, C.S. (eds), *Geology of the Malay Peninsula*. Wiley, New York, p87-89.
- Terzaghi, K. (1950): Mechanisms of Landslides. Geological Society of America, Berkely vol.
- Terzaghi, K. and Peck, R.B. (1967): Soil mechanics in Engineering practice (2nd Ed.), New York, John Wiley & Sons, Inc., p.729.

- Thomas, H.D., (1963): Silurian corals from Selangor, Federation of Malaya. *Overseas Geol. Miner. Resour.* 9, 39-46.
- Tjia, H.D. (1987): The Bentong Suture, *Proc. Reg. Conf. Geol. Min. Hyd. Res. of Southeast Asia*. Jakarta, p73-85.
- Tjia, H.D. (1999): Malaysia Pre-Tertiary Hydrocarbon Potential. In: The Petroleum and Geology Resources of Malaysia. Petroliam Nasional Berhard. pp 605.
- U.S. Geological Survey (2004): Landslide Types and Processes. U.S. Geological Fact Sheet July 2004-3072, Version 1.0.
- US Patent (1994): 5319953 - Friction index tester.
<http://www.patentstorm.us/patents/5319953/fulltext.html>
- Varnes, D. J.(1978): Slope movement types and processes: In: Landslide Analysis and Control: In Schuster, R. L., Krizak, eds. Transportation Research Board Special Report No. 176, National Academy of Sciences, Washington, D. C., P. 11-33.
- Wong Keen Ming (1980): Geology of Kepong and surrounding area with emphasis on primary tin mineralisation. BSc Thesis (Unpublished), Univ. Malaya.
- Yeap, E.B., (1970): Geology of the Petaling Jaya-Salak South area, Selangor, West Malaysia. B.Sc. Hons. Thesis (unpublished), Univ. Malaya.
- Yin, E.H., (1974): Geological map of Kuala Lumpur, sheet 94, Scale 1:63,360. Jabatan Kajibumi Malaysia.
- Youd, T. Leslie. (1992): Liquefaction, Ground Failure, and Con-sequent Damage During the 22 April 1991 Costa Rica Earthquake. In *Proceedings of the NSF/UCR U.S.- Costa Rica Workshop on the Costa Rica Earthquakes of 1990-1991: Effects on Soils and Structures*. Oakland, California: Earthquake Engineering Research Institute.
- Zhao Jian and Tohid Kazerani. (2008): Properties of rock materials. Chapt. 4, In: Rock Mechanics.
http://lmrwww.epfl.ch/en/ensei/Rock_Mechanics/ENS_080312_EN_JZ_Notes_Chapter_4.pdf