

REFERENCES

- Akmaludin, 2007. Studi Geokronologi Magmatisme Berdasarkan Penanggalan K-Ar dan Biostratigrafi Daerah Pegunungan Sletan dan Kulon Progo Provinsi Jawa Tengah-Yogyakarta, Jawa Timur, M.Sc Thesis, Jurusan Teknik Geologi, Fakultas Teknik, UGM, Yogyakarta.
- Beard, D. C., and Weyl, D. K., 1973. Influence of Texture on Porosity and Permeability of Unconsolidated Sand. AAPG Bulletin, vol.57, p. 349-369.
- Boggs, 2006. Principles of sedimentology and stratigraphy. Turbidity Current. 4th Edition. Pearson Prentice Hall, USA, p. 38-48.
- Chen, P.Y., 1977, Table of Key Lines in X-ray Powder Diffraction Patterns of Minerals in Clays and Associated Rocks, Authority of The State of Indiana, Bloomington, 40pp.
- Van Bemmelen, R. W., 1970. The Geology of Indonesia, vol. I A: Gov. Printing Office, Hague, p. 732.
- Cosentino, L., 2001. Integrated Reservoir Studies. Paris: Editions TECHNIP, p 310.
- Fisher, R.V., 1990. Transport and deposition of a pyroclastic surge across an area of high relief: The 18 May 1980 eruption of Mount St. Helens, Washington. Bulletin Geology Society American. 102, p. 1038-1054.
- Fisher, R.V., 1984. Submarine volcanoclastic rocks. In Kokelaar, B.P. and Howells, M.F. (eds), Marginal basin geology: volcanic and associated sedimentary and tectonic processes in modern and ancient marginal basins. Special publication geology society. London 16, p. 5-27.
- Fisher, R. V. and Smith, G. A., 1991. Sedimentation in Volcanic Setting, Special Publication No. 45, p. 1-15.
- Fisher, R. V., 1984. Submarine volcanoclastic rocks, Geological Society, London, Special Publication Vol.16, p. 5-27.
- Hackett, W.R. & Houghton, B.F., 1989. A facies model for a Quaternary andesitic composite volcano: Ruapehu, New Zealand. Bull. Vol. 51, p. 51-68.
- Kahn, J. S., 1956. The analysis and distribution of the properties of packing in sand size sediments. J. Geol. 64, p. 385-395.

- Krummbein, W. C., and Monk, G. D., 1942. Permeability as a function of the size parameters of unconsolidated sands. American Institute of Mining and Metallurgical Engineers., Technical Publication, p. 1492, 1-11.
- Lee, C. H., 1919. Geology and Groundwater of the Western Part of the San Diego County, California, Washington: Water Supply Invig. Pap. No. 446.
- McPhie, J., Doyle, M., and Allen, R., 1993, Volcanic textures: A guide to the interpretation of textures in volcanic rocks: Hobart, CODES Key Centre, University of Tasmania, p. 1-52 and p.89-169.
- Morrow, N. R. 1971. Small scale packing heterogeneities in porous sedimentary rocks. Am. Assoc. Pet. Geol. Bull. 55, p. 514-522.
- Nagtegaal, P. J., 1978. Sandstone-framework instability as a function of burial diagenesis. J. Geol. Soc., London 135, p.101-105.
- Nichols, G., 2009. Sedimentology and stratigraphy. 2nd Edition. Blackwell Scientific Publications, Oxford, London, UK, p. 263-273.
- Normark, W. R., and Piper, D. J. W., 1991. Initiation processes and flow evolution of turbidity currents: implications for the depositional record. In: From Shoreline to Abyss (Ed. by R. H. Osborne), Spec. Publ. SOC. econ. Paleont. Miner., p 46,207-230.
- North, F., 1985. The petroleum geologist in action. George Allen & Unwin (Publishers) Ltd.
- Peter W., and David M. S., 1994. High Quality Volcaniclastic Sandstone Reservoirs in East Java, Indonesia. In: Proceedings, Indonesian Petroleum Association. 23rd Annual Convention Proceedings (Vol1). p 101-118.
- Pettijohn, F. J., Potter, P. E., and Siever, R., 1986. Sand and sandstone. Second Edition. Springer-Verlag, New York, p. 553.
- Pettijohn, F. J., Potter, P. E., and Siever, R., 1973. Sand and sandstone. Springer-Verlag, New York, Heidelberg, p. 261-290.
- Powers, M. C. 1953. A new roundness scale for sedimentary particles. J. Sediment Petrol, p. 117-119.

- Rahardjo, W., 1982, Southern Mountains of Central Java; Dept.Geology Gadjah Mada University, Yogyakarta.
- Rahardjo, W., Sukandarrumidi., and Rosidi, H.M.D., 1995. Geological Map of Yogyakarta Sheet, Jawa.
- Rogers, J. J., and Head, W. B., 1961. Relationship between porosity median size, and sorting coefficients of synthetic sands. J. Sediment. Petrol. 31,p 467-470.
- Selley R. C., 1998. Element of petroleum geology. 2nd Edition. Academic Press, USA, p. 470.
- Selley, R. C., 1985. Ancient sedimentary environment and their sub-surface diagnosis. Third Edition. Cornell University Press, Ithaca, New York, p. 317.
- Selley R. C., 1978. Porosity gradients in North Sea oil-bearing sandstones. J. Geol. Soc., London 135, p. 119-132.
- Shanmugam G., 1997. The Bouma Sequence and the turbidite mind set. Earth-Science Reviews 42, p. 201-229.
- Simandjuntak, T. O., Barber, A. J., 1996. Contrasting tectonic styles in the Neogene orogenic belts of Indonesia. In Hall, R., Blundell, D.J.(Eds.), Tectonic Evolution of Southeast Asia. Geological Society of London Special Publication 106, 185-201.
- Slatt, R. M., 2006. Handbook of petroleum exploration and production: stratigraphic reservoir characterization for petroleum geologists, geophysicists and engineers. First Edition. Elsevier, Oxford, UK,p.475.
- Smyth. H., Crowley. Q., Hall. R., Kinny. P., Hamilton. J., and Schmidt. D., 2011. A Toba-scale eruption in the Early Miocene: The Semilir eruption, East Java, Indonesia. In: Science Direct, Lithos, 19 July 2011.p. 198-211.
- Smyth. H., Hall. R., Hall.R., and Nichols. G., 2008. Cenozoic volcanic arc history of Java, Indonesia: The stratigraphic record of eruptions on an active continental margin. In: The Geological Society of America Special Paper 436, 2008, p.199- 222.
- Smyth. H., Hall. R., Hamilton. J., and Kimny. P., 2005. East Java: Cenozoic Basins, Volcanoes and Ancient Basement. In: Proceedings, Indonesian Petroleum Association. The 30th Annual Convention & Exhibition, August 2005, p.251-266.

- Smyth. H., Hall. R., Hamilton. J., and Kimny. P., 2003. Volcanic Origin of Quartz-Rich Sediments in East Java. In: Proceedings, Indonesian Petroleum Association. The 29th Annual Convention & Exhibition, August 2003.p. 541-559.
- Sneider, R. M., Richardson, F. H., Paynter, D. D., Eddy, R. E., and Wyant, I. A., 1977. Predicting reservoir rock geometry and continuity in Pennsylvanian reservoirs, Elk City field, Oklahoma. J. Pet. Technol. 29, p. 851-866.
- Surdam, R. C., Dunn, T. L., MacGowan, D. B., and Heasler, H. P., 1989. Conceptual models for the prediction of porosity evolution with an example from the Frontier Sandstone, Bighorn basin, Wyoming, in E. B. Coalson, S. S. Kaplan, C. W. Keighin, L. A. Oglesby, and J. W. Robinson. Sandstone Reservoir: Rocky Mountain Association of Geologists, p. 7-21.
- Suzuki-Kamata, K., 1988. The ground layer of Ata pyroclastic flow deposits, southwestern Japan-evidence for the capture of lithic fragments. Bull. Volcanol.50, p. 119-129.
- Surono, Toha, B., and Sudarno, I., 1992. Geological Map of Surakarta- Giritontro Quadrangles, Jawa.
- Vessel, R.K. and Davies, D.K., 1981. Non-marine sedimentation in an active fore arc basin. Soc. econ. Paleont. Mineral. Publ. 31, p. 31-45.
- Walton, A.W., 1979. Volcanic sediment apron in the Tascotal Formation (Oligocene?), Trans-Pecos Texas. J. sediment. Petrol. 49, p.303-314.
- Williams, H., and McBirney, A. R., 1979. Volcanology, Freeman, Cooper &Co, San Francisco, CA.