

## DAFTAR PUSTAKA

- Adityarani, M., 2012, *Studi Karakter dan Mekanisme Gunung Api Merapi Tahun 2010 – 2011 pada Jalur Sungai Opak, Kabupaten Sleman, Provinsi Daerah Istimewa Yogyakarta*, Jurusan Teknik Geologi Fakultas Teknik Universitas Gadjah Mada, Yogyakarta.
- Andreastuti, S.D., 2000, A detailed Tephrostratigraphic Framework at Merapi Volcano, Central Java, Indonesia : Implication for Eruption Predictions and Hazard Assessment, dalam *Journal of Vulcanology and Geothermal Research vol 100*, Elsevier, Amsterdam
- Balai Penyelidikan dan Pengembangan Teknologi Kebencanaan Geologi DI Yogyakarta, 2011, *Erupsi Merapi 2010*, Pemerintah Daerah Istimewa Yogyakarta, Yogyakarta.
- Boggs, S. Jr., 2006, *Principle of Sedimentology and Stratigraphy*, Merrill Publishing Co., Columbus
- Blatt, H, Middleton, G., dan Murray, R., 1980, *Origin of Sedimentary Rocks*, Prentice Hal, Inc, New Jersey.
- Bronto, S., 2000, *Merapi Volcano Borobudur*, Badan Geologi Kementerian Energi dan Sumberdaya Mineral, Bandung.
- Folk, R.L., 1968, *Petrology of Sedimentary Rocks*, Hemphill's, Texas
- Friedman, G.M., dan Sander, J. E., 1978, *Principles of Sedimentology*, John Wiley and Sons, Toronto.

- Gertisser, R. & Keller, J., 1998, Merapi Decade Volcano: pyroclastic stratigraphy and chronology of 'New Merapi, *Geo-Berlin '98, Terra Nostra*, 98/3
- Gertisser, R. Dan Keller, J., 2003., Temporal Variations in Magma Composition of Merapi Volcano (central Java, Indonesia) : Magmatic Cycles during The Past 2000 years of Explosive Activities. *Journal of Volcanology and Geothermal Research*.
- Kementerian Energi dan Sumber Daya Mineral, 2011, *Gunung Merapi*, Badan Geologi, Jakarta.
- Lavigne, F. dan Thouret, J. C., 2002, *Sediment transportation and deposition by rain triggered lahar at Merapi Volcano, Central Java, Indonesia*, Elsevier, Clermont
- Lavigne, F., Thouret, J. C., Voght, B., Suwa, H., dan Sumaryono, A., 2000, *Lahar at Merapi Volcano, Central Java : An Overview*, Elsevier, Yogyakarta.
- Lowe DR 1982 *Sediment gravity flows II : Depositional models with special reference to the deposits of high density turbidity currents*. J Sediment Petrol.
- Mc.Phie, J., Doyle, M., dan Allen, R., 1993, *Volcanic Textures, A guide to the Interpretation of Textures in Volcanic Rocks*, Tasmanian Government Printing Office, Hobart, Australia.
- Murwanto, H., Siregar, D. A., dan Purwoarminta, A., 2013, Jejak Erupsi Gunung Merapi di kabupaten Magelang Jawa Tengah, dalam *Jurnal Lingkungan dan Bencana Geologi vol 4*, Yogyakarta.

- Newhall, D. G., Bronto, S., Alloway, B. Banks, N. G., Bahar, I., del Marmol, M. A., Hadisantono, R. D., Halcomb, R. T., McGeehin, J., Miksic, J. N., Rubn, M., Sayuti, S. D. Sukhyar, R., Andreastuti, S., Tilling, R.I., Torley, R., Trimble, D., dan Wirakusumah, A. D., 2000, 10.000 Years of Explosive Eruption of Merapi Volcano, Central Java : Archaeological and Modern Implications, dalam *Journal of Vulcanology and Geothermal Research vol 100*, Elsevier, Amsterdam
- Paripurno, E. T., 1998, Karakteristik Endapan Lahar Gunungapi Merapi (kasus Pelaharan di Kali Boyong 5 Desember 1996), *Proceeding IAGI XXVI*, Ikatan Ahli Geologi Indonesia, Yogyakarta
- Scoot, K. M., Vallace, K. M., dan Pringle, T. T., 1995, *Sedimentology, Behavior, and Hazards of Debris Flow at Mount Rainier, Washington, US*, United States Government Printing Office, Washington.
- Scott, K. M., 1988, *Origin, Behaviour and Sedimentology of Lahars and Lahar Runout Flows in Toutle-Cowlitz River System*, USGS Professional Paper, USA
- Sudrajat, A, Syafri, I, dan Paripurno, E. T., 2010, Karakteristik Lahar di Gunung Merapi Jawa Tengah sebagai Indikator Explosivitas pada Holosen, *Jurnal Geologi Indoneisa*, vol 6 no 2, Jakarta
- Siebert, L., 1986, *Hazard of Large Volcanic Debris Avalanches and Associated Eruptive Phenomena*, R. Scarpa, R. I. Tilling Springer, Berlin
- Smith, G. A, dan Lowe, D. R., 1991, Lahar : Volcano Hydrologic Events and Depostions in The Debris Flow – Hyperconcentrated Flow Continuum

dalam Smith, G. A, dan Lowe, D. R., 1991, *Sedimentation in Volcanic Setting*, Society for Sedimentary Geology, Tulsa

Surjono, S. S. Dan Yufianto, A (2011), Geo-Disaster Laharic Flow Along Putih River, Central Java, Indonesia,, *J. SE Asian Appl. Geol.*, Jul–Dec 2011, Vol. 3(2), pp. 103-110

Terry, R. D. and Chilingar, C. V., 1955, Concerning some additional aids in studying sedimentary formations, dalam *Journal of Sedimentary Petrology* ed 25.

Vallace, J. W., 2000, *Lahars, Encyclopedia of Volcanoes*, Academic Press, San Diego, California, USA.

Voight, B., Constantine, E. K., Siswowidjoyo, S. Dan Torley, R., 2000, Historical Eruptions of Merapi Volcani, Central Java, Indonesia 1968 – 1998, *Journal of Vulcanology and Geothermal Research vol 100*, Elsevier, Amsterdam.

William, H., Turner, F.J., Gilbert, C.M., 1982, *Petrography: An Introduction to The Study of Rocks in thin Section, 2nd Ed.* W.H. Freeman and Company, San Fransisco.

Wirakusumah, A. D., Juwana, H., dan Loebis. H. 1989, *Peta Geologi G. Merapi, Jawa Tengah*, Direktorat Vulkanologi, Departemen Pertambangan dan Energi, Jakarta