UNIVERSITAS
GADJAH MADA
Penilaian Bahaya Jatuhan Material Piroklastik terhadap Penggunaan Lahan di Kawasan Gunungapi Kelud
INGRID E. TAMPUBOLON, Prof. Dr. Kirbani Sri Brotopuspito; Prof. Dr. Sunarto, M.S.
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Anderson, J., Hardy, E., Roach, J., & Witmer, R. (1976). *A Land Use and Land Cover Classification System for Use with Remote Sensor Data*. Geological Survey.

Badan Standardisasi Nasional. (2010). *Klasifikasi Penutup Lahan*. Jakarta: BSN. doi:SNI 7645: 2010.

Balco, G. (2003). *Measuring the Density of Rock, Salt, Till, Etc*. UW Cosmogenic Nuclide Lab.

Becker, J., Robertson, C., & Johnston, D. (2010). *A Synthesis of Challenges and Opportunities for Reducing Volcanic Risk Through Land Use Planning in New Zealand.* The Australian Journal of Disaster and Trauma Studies.

Biass, S., Bonadonna, C., Traglia, F., Pistolesi, M., Rosi, M., & Lestuzzi, P. (2016). *Probabilistic Evaluation of The Physical Impact of Future Tephra Fallout Events for The Island of Vulcano,* Italy. Bull Volcanol, 78:37.

Bonadonna, C., & Philips, J. (2003). *Sedimentation from Strong Volcanic Plumes*. J Geophys Res, 108(B7):2340.

Bonadonna, C., Macedonio, G., & Sparks, R. (2002). *Numerical Modelling of Tephra Fallout Associated with Dome Collapses and Vulcanian Explosions: Aplication to Hazard Assessment on Montserrat*. The Geological Society of London, 517-537.

Budiyanto, D. (2014). Penelitian UMY: *Abu Vulkanik Gunung Kelud Punya Manfaat Besar*. (U. Musiyanto, Editor) Dipetik Januari 10, 2018, dari @PCPMPonjong: http://pemuda.pcmponjong.org/496/penelitian-umy-abu-vulkanik-gunung-kelud-punya-manfaat-besarpenelitian-umy-abu-vulkanik-gunung-kelud-punya-manfaat-besar.

Chester, D. K., Degg, M., Duncan, A. M., & Guest, J. E. (2000). *The Increasing Exposure of Cities to The Effect of Volcanic Eruptions*: A Global Survey. Elsevier B.V, 89-103.

Cioni, R., Longo, A., Macedonio, G., Santacroce, R., Sbrana, A., Sulpizio, R., & Andronico, D. (2003). *Assesing Pyroclastic Fall Hazard Through Field Data and Numerical Simulations: Example from Vesuvius*. Journal od Geophysical Research, 108 (B2), 2063.

UNIVERSITAS
GADJAH MADA
Penilaian Bahaya Jatuhan Material Piroklastik terhadap Penggunaan Lahan di Kawasan Gunungapi Kelud
INGRID E. TAMPUBOLON, Prof. Dr. Kirbani Sri Brotopuspito; Prof. Dr. Sunarto, M.S.
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Coltelli, M., Miraglia, L., & Scollo, S. (2008). *Characterization of Shape and Terminal Velocity of Tephra Particles Erupted During the 2002 Eruption of Etna Volcano, Italy*. *Bull Volcanol*, 1103-1112.

Dellino, P., Mele, D., Bonasia, R., Braia, G., Volpe, L. L., & Sulpizio, R. (2005). *The Analysis of The Influence of Pumice Shape on Its Terminal Velocity*. Geophysical Research Letters, 32, L21306.

Engineering Toolbox. (t.thn.). *The Engineering Toolbox*. Dipetik Januari 2018, dari Toolbox Website: https://www.engineeringtoolbox.com/standard-atmosphere-d_604.html

Fajar, F., & Harijoko, A. (2016). *Evolusi Magma Gunung Kelud*. Yogyakarta: Universitas Gadjah Mada.

Fitzgerald, R., Kennedy, B., Wilson, T., Leonard, G., Tsunematsu, K., & Keys, H. (2017). *The Communication and Risk Management of Volcanic Ballistic Hazards*. Advs in Volcanology. doi:10.1007/11157_2016_35.

Geost, F. (2015, Agustus). Geology and Earth Science: GeologiNesia. Dipetik Desember 10, 2017, dari Geologinesia:http://www.geologinesia.com/2015/10/deskripsi-dan-penamaan-batuan-gunungapi.html.

Hair, J., Black, W., Babin, B., & Anderson, R. (2010). *Multivariate Data Analysis* (7 ed.). New Jersey: Pearson Prentice Hall.

Heriwaseso, A., Irianto, Andreastuti, S., & Budianto, A. (2014, Agustus). *Kondisi dan Informasi Geologi Paska Erupsi Kelud 13 Februari 2014*. Buletin Vulkanologi dan Bencana Geologi, 9 No.2.

Huda, K. (2014). *Ke Mana Kubah Lava Saat Kelud Erupsi*. Dipetik September 25, 2014, dari KOMPAS: http://regional.kompas.com/read/2014/02/19/2126222/Ke Mana Kubah Lava.Saat Kelud Erupsi.

Kementerian Energi dan Sumber Daya Mineral, Pusat Vulkanologi dan Mitigasi Bencana Geologi. Gunung Kelud. Bandung. 2014.

Krivoruchko, K., & Krause, E. (2012). *Concepts and Applications of Kriging*. Esri International User Conference. San Diego, California: Esri.

Maeno, F., Nakada, S., Yoshimoto, M., Shimano, T., Hokanishi, N., Zaennudin, A., & Iguchi, M. (2017). *A Sequence of a Plinian Eruption Preceded by Dome Destruction at Kelud Volcano*, Indonesia, on February 13, 2014, Revealed

UNIVERSITAS
GADJAH MADA
Penilaian Bahaya Jatuhan Material Piroklastik terhadap Penggunaan Lahan di Kawasan Gunungapi Kelud
INGRID E. TAMPUBOLON, Prof. Dr. Kirbani Sri Brotopuspito; Prof. Dr. Sunarto, M.S.
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

from Tephra Fallout and Pyroclastic Density Current Deposits. VOLGEO, 18.

Maitre, R. (2005). *Igneous Rocks A Classification and Glossary of Terms*. Cambridge: Cambridge University Press.

Mastrolorenzo, G., Pappalardo, L., Troise, C., Rossano, S., Panizza, A., & De Natale, G. (2006). *Volcanic Hazard Assessment at The Campi Flegrei Caldera*. Geological Society, 269, 159–171.

Newhall, C., & Self, S. (1982). *The Volcanic Explosivity Index (VEI): An Estimate of Explosive Magnitude for Historical Volcanism*. Journal of Geophysical Research.

Olson, E. (2011). *Particle Shape Factors and Their Use in Image Analysis-Part 1: Theory*. PTL Particle Technology Labs, 15/N03.

Pfeiffer, T., Costa, A., & Macedonio, G. (2005). *A Model for the Numerical Simulation of Tephra Fall Deposits*. Journal of volcanology and geothermal research, 273-294.

PT. Perkebunan Nusantara XII. (2015). index.php/tentang-kami/profil. Retrieved from PT Perkebunan Nusantara XII: http://www.ptpn12.com/index.php/tentang-kami/profil

Schmid, R. (1981). *Descriptive Nomenclature and Classification of Pyroclastic Deposits and Fragments*: Recommendations of the IUGS Subcommission on the Systematic Igneous Rocks. Geology, 41-43. doi:10.1130/0091-7613(1981)

Republik Indonesia. 2007. Undang-Undang No. 24 Tahun 2007 tentang Penanggulangan Bencana. Lembaran Negara RI Tahun 2007, No. 66. Sekretariat Negara. Jakarta. (Anderson, Hardy, Roach, & Witmer, 1976)

Schmid, R. (1981). *Descriptive Nomenclature and Classification of Pyroclastic Deposits and Fragments: Recommendations of the IUGS Subcommission on the Systematic Igneous Rocks*. Geology, 41-43. doi:10.1130/0091-7613(1981).

Suzuki, T. (1983). *A Theoretical Model for Dispersion of Tephra*. Volcanism: Physics and Tectonics, 95-113.

Thouret, J., Abdurachman, K., & Bourdier, J. (1998). *Origin, Characteristic, and Behavoiur of Lahars Following the 1990 Eruption of Kelud Volcano, Eastern Java (Indonesia)*. Bull Volcanol, 59: 460-480.

UNIVERSITAS
GADJAH MADA
Penilaian Bahaya Jatuhan Material Piroklastik terhadap Penggunaan Lahan di Kawasan Gunungapi Kelud
INGRID E. TAMPUBOLON, Prof. Dr. Kirbani Sri Brotopuspito; Prof. Dr. Sunarto, M.S.
Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Triastuty, H., Mulyana, I., & Adi, S. (2014, Maret*). Gelegar Kelud 2014*. GEOMAGZ, 04 Nomor 1, p. 20.

Tugiono. (2011). *Kajian Kualitas Genteng Keramik dengan Penambahan Pasir Sungai*. Jurnal Teknik Sipil & Perencanaan, 21-30.

Walker, G. (1971). *Grain-Size Characteristic of Pyroclastic Deposits*. The Journal of Geology, 79, No.6, 696-714.

Wardhana, G. M., Maritimo, F., Maulana, E., & Ammarullah, A. (2014). *Pemetaan Daerah Rawan Jatuhan Material Piroklastik: Kasus Erupsi Gunungapi Kelud 2014*. Dalam J. Sartohadi, & E. Pratiwi, Pengelolaan Bencana Kegunungapian Kelud pada Periode Krisis Erupsi 2014 (hal. 27-51). Yogyakarta: PUSTAKA PELAJAR.

Yagi, K., Matsuyama, T., & Nanasaki, O. (2009). *Density of Pumice, with Reference to the Mechanism of Formation Welded Tuff*. International Geology Review, 876-883.

Yu, H., Xu, J., Luan, P., Zhao, B., & Pan, B. (2013). *Probabilistic Assessment of Tephra Fallout HAzard at Changbaishan Volcano,* Northeast China. Nat Hazards, 69: 1369-1388.

Zaennudin, A. (2008). *Kubah Lava Sebagai Salah Satu Ciri Hasil Letusan G.Kelud*. Vulkanologi dan Bencana Geologi, 3.

Zaennudin, A. (2009). *Prakiraan Bahaya Erupsi Gunung Kelud*. Buletin Vulkanologi dan Bencana Geologi, 1-17.