

DAFTAR PUSTAKA

- Ayala, Alcatara., Goudie, A. 2013. *Geomorphological hazards and disaster prevention*. Cambridge: Cambridge University Press
- Bahri, Perdi. Ikhsan, Jazaul dan Harsanto, Puji. 2013. *Dampak Banjir Lahar Dingin Pasca Erupsi Merapi 2010 di Kali Gendol*. Surakarta: Konferensi Nasional Teknik Sipil 7 (KoNTekS 7)
- Baja, Sumbangan. 2012. *Perencanaan Tata Guna Lahan dalam Pengembangan Wilayah*. Yogyakarta : Penerbit Andi
- Belizal, E.D., Lavigne, F., Hadmoko., Danang Sri., Degai, Jean-Philippe., Dipayana. Gilang Aria., Mutaqin, Bachtiar Wahyu., Marfai, Muh Aris., Coquet., Mauff, Baptiste Le., Robin, Anne-Kyria., Vidal, Celine., Cholik, Nur., Aisyah, Nurnaning. 2013. *Rain-triggered lahars following the 2010 eruption of Merapi Volcano, Indonesia: A major risk*. *Jurnal of Vulcanology and Geothermal Research* 261 (2013) 330-347
- Belizal, E.D., Lavigne, F., Gaillard, J.C., Grancher, D., Pratomo, I., Komorowski, J.C. 2012. *The 2007 Eruption of Kelut Volcano (East Java, Indonesia): Phenomenology, Crisis Management and Social Response*. *Geomorphology*, Vol. 136: 165-175.
- BNPB. 2014. Rencana Strategis BNPB tahun 2010-2014. Jakarta: Direktorat Mitigasi BNPB.
- Bonham Carter, G.F (Editor). 1994. *Geographic Information System for Geoscientist: Modelling with GIS, Computer Method in The geosciences '13*. Ontario: Pergamon
- Carravick, Jonatahan L. Manville, Vern. Cronin, Shane, J. 2008. *A fluid dynamics approach to modelling the 18th March 2007 lahar at Mt. Ruapehu, New Zealand*. *Springer: Bull Volcanol* (2009) 71:153–169
- Charlton, R. 2007. *Fundamentals of Fluvial Geomorphology*. London: Routledge.
- de Sousa ,Thomas Aquino N.2014. *Kajian Risiko Bencana Banjir Lahar Gunungapi Kelud(Sebelum Erupsi 2014) Terhadap Permukiman Di Desa Soso Kecamatan Gandusari Kabupaten Blitar , Provinsi Jawa Timur*. Yogyakarta. UPN Veteran (Thesis)
- Dipayana ,Gilang Arya. Nugraha ,Henky. Hadmoko ,Danang Sri. Wacano, Dhandhum Aries Wahyu R ,Dwi. Cahyaningtyas, Ferdiansari.2013. *Estimasi Perubahan Morfologi Sungai Pasca Erupsi: Aplikasi Data LiDar dan DEM Processing di Kali Gendol*. Yogyakarta: Seminar Nasional Pendayagunaan Informasi Geospasial 2013

- Doyle, E.E., Cronin, S.J., Cole, S.E., Thouret, J.C. 2009. *The Challenges of Incorporating Temporal and Spatial Changes into Numerical Models of Lahars*. 18th World IMACS / MODSIM Congress, Cairns, Australia 13-17 July 2009
- D.R. Crandell, et all. 1984. *Source-book For Volcanic Hazards Zonation*. Unesco
- Hardjosuwarni, S. Sukatja, Bambang C. Yunita, FT. 2013. *Early Warning System For Lahar in Merapi..* Jakarta: UNISDR-GAR and Ministry of Public Work
- Heriwaseso, A., Irianto., Andreastuti, S.D., Budianto, A. 2014. Kondisi dan Informasi Geologi Pasca Erupsi Kelud 13 Februari 2014. *Buletin Vulkanologi dan Bencana Geologi*, Vol. 9: 1-15.
- Hidayat ,Fahrul dan Rudiarto ,Iwan.2013. *Pemodelan Resiko Banjir Lahar Hujan Pada Alur Kali Putih Kabupaten Magelang*. Jurnal Teknik PWK Volume 2 Nomor 4 2013
- Ikeya, Hiroshi., Ishikawa, Yoshiharu. 1993. *Characteristics of pyroclastic flows and debris flows accompanying the Mt Unzen-Fugendake eruption*. Sediment Problems: Strategies for Monitoring, Prediction and Control (Proceedings of the Yokohama Symposium, July 1993). IAHS Publ. no. 217, 1993.
- John, Emmanuel and Castro, O.T,. 2006. *Predicting Lahar-Inundation Zones: Case Study in West Mount Pinatubo, Philippines*. Springer-Natural Hazard: DOI 10.1007/s11069-005-6141-y-37:331-371
- Kedareswarudu, U., Aravind., U.S., dan Chattopadhyay, M., 2013, *Analysis of Watershed Characteristics and Basin Management Using RS and GIS: A Case Study from Upper Provenance of Karamana River, Trivendrum District, Kerala*. International Journal of Remote Sensing and Geoscience (IJRSG), v.2, issue.1, p. 36-41.
- Lavigne, F., Thouret, J.C. 2002. Sediment Transportation and Deposition by Rain-Triggered Lahars at Merapi Volcano, Central Java, Indonesia. *Geomorphology*, Vol. 49: 45-69.
- Lavigne, Franck. Yanni Gunnell (2006) *Land cover change and abrupt environmental impacts on Javan volcanoes, Indonesia: a long-term perspective on recent events*. Springer: Reg Environ Change (2006) 6: 86–100
- Mananoma, T., Sudjarwadi, Legono, D., & Rahardjo, A. P. (2006). *Analisis Persamaan Transpor Sedimen Terhadap Fenomena Perubahan Morfologi Sungai Progo Tengah*. *Forum Teknik Sipil No. XVI*, 221-231.
- Marfai, Muh Aris. 2011. *Pengantar Pemodelan Geografi*. Yogyakarta: Badan Penerbit Fakultas Geografi

- Mead, S.R., Magill, C., Lemale, V., Thouret, J-C., Prakash, M. 2016. *Quantifying Lahar Damage Using Numerical Modelling*. Nat. Hazards Earth Syst. Science. Discuss., doi: 10.5194/nhess 2016-282
- Mei, Estuning Tyas Wulan., Lavigne, F., Picquout, A., de Belizal, E., Brustein, D., Grancher., Sartohadi, J., Cholik, N., Vidal, C., 2013. *Lesson Learn from the 2010 evacuations at Merapi VolcanoI*. Springer : VOLGEO-05104; No of Pages 18
- Mei, Estuning Tyas Wulan., Lavigne, F., Picquout, A., D., Grancher. 2013. *Crisis Management During the 2010 Eruption of Merapi Vulcano*. ReasearchGate: Journal of Volcanology and Geothermal Research 2013
- Morisawa, M. 1968. *Streams Their Dynamics and Morphology*. New York: McGraw-Hill Book Company.
- Mulyanto. 2007. *Sungai, Fungsi dan SifatnyaI*. Yogyakarta: Graha Ilmu
- OPW.2009.*Guidelines for Planning Authorities*.(online). (<http://www.environ.ie/en/Publications/DevelopmentandHousing/Planning/FileDownload,21708,en.pdf>), diakses 12 April 2014
- Pierson, C, Thomas., Daag, Arturo S., Reyes, Perla J. Delos., Regalado, Ma Theresa M., Solidum, Renato U., Tubianosa, Bella S. 1994. *Flow and Deposition of Posteruption Hot Lahars on the East Sideof Mount Pinatubo, July-October 1991*. FIRE and MUD Contents PHIVOLCS | University of Washington Press | U.S.Geological Survey
- Pierson, C, Thomas. Wood Nathan J. Driedger,Carolyn L.2014. *Reducing risk from lahar hazards: concepts, case studies, and roles for scientists*. US Springer: Journal of Applied Volcanology2014,3:16s
- Purnamasari, A. N. C. 2015. *Penghitungan Volume dan Karakterisasi Material Endapan Erupsi Gunungapi Kelud Tahun 2014, di Sungai Bladak Bagian Hulu dengan Metode Geofisika*. Yogyakarta : Sekolah Pascasarjana Universitas Gadjah Mada
- Purwanto, Taufik Hery. 2013. *Ekstraksi Morfometri Daerah Aliran Sungai Dari Data Digital Surface Model (Studi Kasus DAS Opak)*.Journal of Geographhy: Fakultas Geografi-UGM
- PVMBG. 2014. *Gelegar Kelud 2014*. GeoMagz-05-2015
- Rahayu, Subekti., Widodo, R.H., van Noordwijk, M., Suryadi, I., Verbist., 2009.*Monitoring air di daerah aliran sungai*. Bogor: World Agroforestry Centre.
- Roos, Alex and Jonkman, Bas. 2006. *Flood Risk Assessment In The Netherlands With Focus On The Expected Damages And Loss Of Life*.Netherlands: Springer with NATO Publics Diplomacy Division

- Sartohadi, Junun., Pratiwi, Elok Surya (Editor). 2014. *Bunga Rampai Penelitian: Pengelolaan Bencana pada Kegunungapian Kelud pada Periode Krisis Erupsi 2014*. Yogyakarta: Pustaka Belajar
- Schneider, D. Granados, H., Delgado. Huggel, C. Kaab, A. 2007. *Assessing lahars from ice-capped volcanoes using ASTER satellite data, the SRTM DTM and two different flow models: case study on Iztacc' ihuatl (Central Mexico)*. NHESS: Nat. Hazards Earth Syst. Sci., 8, 559–571, 2008
- Suparman., Soetopo., Wirjotijoso, Soenar., Suprawoto, Djoko., Pradono, Hendro., 2011. SABO Untuk Penanggulangan Bencana Akibat Aliran Sedimen. Yayasan Air Adhi Eka-JICA: ISBN 978-979-25-6461-7
- Suryapos. 2014. Penambang Pasir di Jalur Lahar Kelud Tetap Nekat Beroperasi. Online <http://surabayatribunnewsonline>
- Swardana, Ardli. 2014. *Studi Geomorfologi Kabupaten Kediri dan Pemodelan Bahaya Aliran Lahar Gunungapi Kelud*. Skripsi. IPB
- Thouret, J.C., Aburrachman, K.E., Bourdier, J.L., Bronto, S. 1998. Origin, Characteristics, and Behaviour of Lahars Following The 1990 Eruption of Kelud Volcano, Eastern Java (Indonesia). *Bull Vulcano Journal*, Vol. 59 : 460-480.
- Thouret, J.C., Enjorlas, G., Martelli, K., Santoni, O., Luque, J A., Nagata, M., Arguedas., 2013. *Combining criteria for delineating lahar- and flash-flood-prone hazard and risk zones for the city of Arequipa, Peru*. Nat. Hazards Earth Syst. Sci., 13, 339–360
- Triatmodjo, B. 2008. *Hidrologi Terapan*. Yogyakarta: Beta Offset.
- Zaenudin, A. 2008. Kubah Lava Sebagai Salah Satu Ciri Hasil Letusan Gunung Kelud. *Buletin Vulkanologi dan Bencana Geologi, Volume 3 Nomor 2, Agustus 2008*: 18-29.
- Zaennudin, A. 2009. *Prakiraan Bahaya Erupsi Gunung Kelud*. Buletin Vulkanologi dan Bencana Geologi, Volume 4 Nomor 2, Agustus 2009: 1 – 17.

