

## DAFTAR PUSTAKA

- Anwar, A. 2012. *Pemetaan Daerah Rawan Longsor di Lahan Pertanian Kecamatan Sinjai Barat Kabupaten Sinjai*. Skripsi. Makassar: Universitas Hasannudin
- Ardiansyah, A.N. 2011. *Wilayah Resiko Bencana Longsor di Kabupaten Bandung*. Tesis. Jakarta: Universitas Indonesia
- Arif, F.N. 2015. *Analisis Kerawanan Tanah Longsor Untuk Menentukan Upaya Mitigasi Bencana di Kecamatan Kemiri Kabupaten Purworejo*. Skripsi. Semarang: UNNES
- Badan Pusat Statistik Kabupaten Pekalongan. 2016. *Kecamatan Kandangserang dalam Angka 2016*. Pekalongan.
- BMKG Semarang. 2016. *Buletin Prakiraan Hujan Bulan Januari 2016*. Semarang: Badan Meteorologi, Klimatologi dan Geofisika
- Brighenti R, Andrea S, Anna MF. 2013. Debris flow hazard mitigation: A Simplified analytical model for the design of flexible barriers. *Computers and Geotechnics, Volume 54 (2013) 1-15*. Elsevier.
- Budiman, M. 2011. *Geologi dan Studi Kestabilan Lereng, Daerah Dlingo dan Sekitarnya Kecamatan Dlingo, Kabupaten Bantul*. Skripsi. Yogyakarta: Universitas Pembangunan Nasional "Veteran"
- Chen X, Peng C, Yong Y, Jiangang C, Deji L. 2014. Engineering measures for debris flow hazard mitigation in the Wenchuan earthquake area. *Engineering Geology, Volume 194, 26 August 2015, Pages 73-85*. Elsevier.
- Choi K.Y dan Raymond W.M.C. 2013. Landslide Disaster Prevention and Mitigation Through Works in Hong Kong. *Journal of Rock Mechanics and Geotechnical Engineering, Volume 5 (2013) 154-365*. Elsevier
- Coutinho, S. 2015. *Retaining Walls: Types, Alternatives, Construction*. India: Bharati Vidyapeeth University.
- Effendi, A.D. 2008. *Identifikasi Kejadian Longsor dan Penentuan Faktor-Faktor Utama Penyebabnya di Kecamatan Babakan Madang Kabupaten Bogor*. Skripsi. Bogor: Institut Pertanian Bogor

- Fuller I.C, Raphael A. R, Rainer B, Mike M, Thomas G. 2016. Landslide-driven erosion and slope-channel coupling in steep, forested terrain, Ruahine Ranges, New Zealand, 1946-2011. *Catena, Volume 142 (2016) 252-268*. Elsevier.
- Greco R, Giorgio M, Capparelli G, Versace P. 2012. Early warning of rainfall-induced landslides based on empirical mobility function predictor. *Engineering Geology, Volume 153 (2013) 68-79*. Elsevier.
- Hardiyatmo, H.C. 2006. *Penanganan Tanah Longsor dan Erosi*. Yogyakarta: Gadjah Mada University Press.
- Has B dan Tamotsu N. 2014. Role of geological structure in the occurrence of earthquake-induced landslides, the case of the 2007 Mid-Niigata Offshore Earthquake, Japan. *Engineering Geology, Volume 182 (2014) 25-36*. Elsevier.
- Karnawati, D. 2005. *Bencana Alam Gerakan Masa Tanah di Indonesia dan Upaya Penanggulangannya*. Yogyakarta: Universitas Gajah Mada
- Keefer dan Johnson. 1983. *Earth Flows: Morphology, Mobilization and Movement*. United States Geological Survey.
- Kim M.S, Yuichi O, Taro U dan Jin K.M. 2016. Effects of soil depth and subsurface flow along the subsurface topography on shallow landslide prediction at the site of small granitic hillslope. *Geomorphology, Volume 271, 40-54*. Elsevier.
- Lestari, F.F. 2008. *Penerapan Sistem Informasi Geografis dalam Pemetaan Daerah Rawan Longsor di Kabupaten Bogor*. Skripsi. Bogor: Institut Pertanian Bogor.
- Ma C, Yujie W, Kaiheng H, Cui D dan Wentao Y. 2017. Rainfall intensity-duration threshold and erosion competence of debris flows in four areas affected by the 2008 Wenchuan Earthquake. *Geomorphology, Volume 282, 1 April 2017, Pages 85-95*. Elsevier.
- Marcato G, M Mantovani, A. Pasuto, Zabuski L dan Borgatti L. 2011. Monitoring, numerical modelling and hazard mitigation of the Moscardo

- landslide (Eastern Italian Aps). *Engineering Geology, Volume 128 (2012)* 95-107. Elsevier
- Mouri G, Michiharu S, Tomoharu H dan Taikan O. 2010. Modeling shallow landslides and river bed variation associated with extreme rainfall-runoff events in a granitoid mountainous forested. *Geomorphology, Volume 15 (2011)* 282-292. Elsevier
- Paimin S dan Irfan B.P. 2009. *Teknik Mitigasi Banjir dan Tanah Longsor*. Balikpapan: Tropenbos International Indonesia Programme
- Platipus. 2017. Anchored Reinforced Grid Solution (ARGS). Inggris: Platipus Anchored Limited
- Rahman, A.Z. 2015. Kajian Mitigasi Bencana Tanah Longsor di Kabupaten Banjarnegara. Jurnal. Semarang : Universitas Diponegoro.
- Saito H, Wataru M, Hiromu D dan Takashi O. 2016. Effect of Forest Clear Cutting on landslide occurrences: Analysis of rainfall thresholds at Mt. Ichifusa, Japan. *Geomorphology, [Volume 276](#), 1 January 2017, Pages 1–7*. Elsevier
- Saptohartono, E. 2007. *Analisis Pengaruh Curah Hujan Terhadap Tingkat Kerawanan Bencana Tanah Longsor Kabupaten Bandung*. Skripsi. Bandung: Institut Teknologi Bandung.
- Saputra, I.W.G.E. 2015. *Analisis Resiko Bencana Tanah Longsor di Kecamatan Sukasada, Kabupaten Buleleng*. Tesis. Denpasar: Universitas Udayana
- Savage dan Wasowski. 2003. Mechanics of Earth Flows. Jurnal. United States Geological Survey
- Setyari, F.I. 2012. *Pemahaman Masyarakat Terhadap Tingkat Kerentanan Bencana Tanah Longsor di Desa Tieng Kecamatan Kejajar Kabupaten Wonosobo*. Skripsi. Yogyakarta: Universitas Negeri Yogyakarta.
- Shen P, L.M. Zhang , H.X. Chen dan L. Gao. 2016. Role of vegetation restoration in mitigating hillslope erosion and debrisflows. *Engineering Geology, Volume 216, 12 January 2017, Pages 122-133*. Elsevier

- Shi J.S, L.Z Wu, S.R Wu, B. Li, T. Wang dan P. Xin. 2016. Analysis of the cause of large-scale loess landslides in Baoji, China. *Geomorphology, Volume 264 (2016) 109-117*. Elsevier
- Sitorus, S.R.P. 2006. Pengembangan Lahan Berpenutupan Tetap Sebagai Kontrol Terhadap Faktor Resiko Erosi dan Bencana Longsor. Direktorat Jenderal Penataan Ruang Departemen Pekerjaan Umum. Jakarta.
- Snow Avalanche and Landslide Research Center. 2015. Development of a device to prevent drainage pipe clogging in landslide-prevention facilities. Jepang: Public Works Research Institute.
- Sriyono, A. 2012. *Identifikasi Kawasan Rawan Bencana Longsor Kecamatan Banyubiru, Kabupaten Semarang*. Skripsi. Semarang: Universitas Negeri Semarang
- Suranto, J.P. 2008. *Kajian Pemanfaatan Lahan pada Daerah Rawan Bencana Tanah Longsor di Gununglurah, Cilongok, Banyumas*. Tesis. Semarang: Universitas Diponegoro.
- Suwa H, Takashi M dan Takayuki I. 2010. Prediction of landslide and analysis of slide motion with reference to the 2004 Ohto slide in Nara, Japan. *Geomorphology, Volume 124 (2010) 157-163*. Elsevier.
- United States Geological Survey. 2004. Landslide Types and Processes. USA: USGS
- Van Zuidam. 1983. Terrain Clasification Using Aerial Photograph. A Geomorphological Approach. International Institute For Aerospace Survey and Earth Science (ITC). Enschede.
- Visisha, C.H. 2015. Kajian Bencana Longsor di Bukit Kelir, Dusun Kendal Ngisor, Desa Wirogomo, Kecamatan Banyubiru, Kabupaten Semarang. Skripsi. Semarang: Universitas Diponegoro.
- Volcano and Debris Flow Research Team. 2015. Deep-rapid landslide Mechanism. Jepang: Public Works Research Institute.
- Wang G, Gen F, Fanyu Z, Issei D, Naoki W, Akihiko W dan Hideaki M. 2016. Layered internal structure and breaching risk assessment of the Higashi-

- Takezawalandslide dam in Niigata, Japan. *Geomorphology*, Volume 267, 15 August 2016, Pages 48-58 . Elsevier
- Wang S, Xingmin M, Guan C, Peng G, Muqi X dan Runqiang Z. 2016. Effects of vegetation on debris flow mitigation: A case study from Gansu province, China. *Geomorphology* [Volume 282](#), 1 April 2017, Pages 64–73. Elsevier.
- Wang W, Hong Z, Lu Z, Ying-bin Z, Yan-qiang W dan Shu-guang L. 2016. A New Approach for Modelling Landslide over 3D topography using 3D Discontinuous Deformation Analysis. *Computers and Geotechnics*, Volume 81 (2017) 87-97 . Elsevier.
- Wibowo, A. 2009. *Identifikasi Wilayah Rentan Longsor di Kecamatan Cicalengka, Kabupaten Bandung*. Skripsi. Jakarta: Universitas Indonesia.
- Widagdo A dan Rachmad S. 2016. Kontrol Struktur pada Longsor di Daerah Sampang-Karangobar Kabupaten Banjarnegara Jawa Tengah. Purwokerto: Universitas Jendral Soedirman
- Widagdo A, Indra P.J, Gentur W, Eko B.P dan Suwardi. 2016. Struktur Geologi Daerah Longsor di Gunung Pawinihan , Kabupaten Banjarnegara, Jawa Tengah. Jurnal. Purwokerto: Universitas Jendral Soedirman.
- Winter M.G. 2016. A Strategic Approach to Debris Flow Risk Reduction on the Road Network. *Advance in Transportation Geotechnics 3, The 3rd International Conference on Transportation Volume 143, 2015, 750-768*. Elsevier.
- Xie T, Fanqiang W, Hongjuan Y, James S.G dan Xiangping X. 2017. A Design Method for a Debris Flow Water-sediment Separation Structure. *Engineering Geology*, Volume 220 (2017) 94-98. Elsevier.
- Zhang N. dan T. Matsushima. 2016. Simulation of rainfall-induced debris flow considering material sediment. *Engineering Geology*, Volume 214 ( 2016) 107-115. Elsevier.
- Zhang S. Dan L.M. Zhang. 2016. Impact of the 2008 Wenchuan earthquake in China on subsequent flow activities in the epicentral area. *Geomorphology*, Volume 276, 1 January 2017, Pages 86-103. Elsevier