

DAFTAR PUSTAKA

- Blanc, T., 2008. *Numerical Simulation of Debris Flow with the 2D-SPH Depth Integrated Model*, Master Thesis. Vienna: The Institute for Mountain Risk Engineering, University of Natural Resources and Applied Life Science.
- BNPB, 2014. *Indeks Risiko Bencana Indonesia*. BNPB.
- Cruden, D. M. & Varnes, D., 1996. *Landslide Types and Processes, Special Report. Transportation Research Board*. National Academy of Sciences. 247:36-75.
- Egashira, S., 1993. Mechanism of sediment deposition from debris flow. *Journal of the Japan of the Society of Erosion Control Engineering*, p. 45–49.
- Egashira, S., Ashida, K., H.Yajima & J.Takahama, 1989. *Constitutive equation of debris flow*. Kyoto: Kyoto Univ, p. 487–501.
- Egashira, S. & H.Takeuchi, T. I., 2001. Transition mechanism of debris flows over rigid bed to over erodible bed. *Phys. Chem. Earth (B)* 26, p. 169–174.
- Egashira, S., Miyamoto, K. & Itoh, T., 1997a. Bed-load rate in view of two phase flow dynamics. *Ann. Jour. Hydr. Eng.*, Volume 41, p. 789–797.
- Egashira, S., Miyamoto, K. & Itoh, T., 1997b. Constitutive equations of debris flow and their applicability. *Proc. 1st Int. Conf., Debris- Flow Hazards Mitigation*. ASCE, Volume 9, p. 340–349.
- Evans, S., Hungr, O. & Clague, J., 2001. Dynamics of The 1984 Rock Avalanche And Associated Distal Debris Flow on Mount Cayley, British Columbia. *Implications For Landslide Hazard Assessment on Dissected Volcanoes, Engineering Geology*, Volume 61, pp. 29-51.
- Fathani, T. F., Legono, D. & Alfath, M. A., 2017a. Sensitivity Analysis of Depth-Integrated Numerical Models for Estimating Landslide Movement. *Journal of Disaster Research*, Volume 12, pp. 607-616.
- Fathani, T. F., Legono, D. & Karnawati, D., 2017b. A Numerical Model for the Analysis of Rapid Landslide Motion. *Geotech Geol Eng*, Volume 35, p. 2253–2268.
- Ghilardi, P., Natale, L. & Savi, F., 2001. Modeling Debris Flow Propagation and Deposition. *Phys. Chetn. Earth (C)*, Volume 26, pp. 651-656.
- Hungr, O., 1995. A model for the runout analysis of rapid flow slides debris flows, and avalanches. *Canadian Geotechnical Journal*, 32(6), pp. 1156-1168.
- Hungr, O., 2007. Dynamics of Rapid Landslides. *Progress of Landslide Science*, pp. 47-57. Heidelberg, Germany: Springer.

- Hungr, O., 2009. Numerical Modelling of the Motion of Rapid, Flow-like Landslides for Hazard Assessment. *KSCE Journal of Civil Engineering*, Volume 13, pp. 281-287.
- McDougall, S., 1998. *A New Continuum Dynamic Model For The Analysis of Extremely Rapid Landslide Motion Across Complex 3D Terrain*. PhD Thesis. Columbia: The Faculty of Geological Engineering, The University of Brithis Columbia.
- McDougall, S. & Hungr, O., 2004. A model for the analysis of rapid landslide motion across three-dimensional terrain. *Canadian Geotechnical Journal* 41, pp. 1084-1097.
- McDougall, S. & Hungr, O., 2005. Dynamic modelling of entrainment in rapid landslides. *Canadian Geotechnical Journal* 42, pp. 1437-1448.
- Miyamoto, K., 2010. Numerical simulation of landslide movement and Unzen-Mayuyama disaster in 1792, Japan. *J. Disaster Res.*, Volume 5, pp. 280-287.
- Nakamura, H. & Fathani, T. F., 2002. *Hazard area prediction for landslide debris*. Proceeding of the Tenth International Conference and Fieldtrip on Landslide, Poland.
- Nugroho, S.P., 2017. *2.341 Kejadian Bencana, 377 Tewas dan 3,5 Juta Jiwa Mengungsi dan Menderita Akibat Bencana Tahun 2017*. BNPB. <https://www.bnpb.go.id/2341-kejadian-bencana-377-tewas-dan-35-juta-jiwa-mengungsi-dan-menderita-akibat-bencana-tahun-2017> [online]. Diakses pada tanggal 10 Maret 2018.
- Nugroho, S.P., 2018. *Penampakan Longsor Brebes*. BNPB. <https://www.bnpb.go.id/penampakan-longsor-brebes> [online]. Diakses pada tanggal 22 Juli 2018.
- Papa, M., Egashira, S. & Itoh, T., 2004. Critical conditions of bed sediment entrainment due to debris flow. *Natural Hazards and Earth System Sciences*, Volume 4, p. 469-474.
- Pastor, M., Blanc, T., Haddad, B., Petrone, S., Sanchez, M. M., Dremptic, V., Issler, D., Crosta, G. B., Cascini, L., Sorbino, G., Cuomo, S., 2014. Application of a SPH depth-integrated model to lanslide run-out model. *Journal of the International Consortium on Landslides*, 11(5), pp. 793-812.
- Pirulli, M. & Pastor, M., 2012. Numerical study on the entrainment of bed material into rapid landslides. *Geotechnique* 62, pp. 959-972.
- Rickenmann, D. & Koch, T., 1997. Comparisson of Debris Flow Approaches. *Prociding of the 1st International Conference on Debris-Flow Hazards*

Mitigation: Mechanics, Prediction and Assesment, Edited by C.L. Chen. ASCE, New York, pp. 576-585.

Sassa, K. Nagai, O., Solidum, R., Yamazaki, Y., Ohta, H., 2010. An Integrated Model Simulating the Initiation and Motion of Earthquake and Rain Induced Rapid Landslide and its Application to the 2006 Leyte Landslide. *Journal of Landslide*, 7(3), pp. 219-236.

Takahashi, 2001a. Mechanics and simulation of snow avalanches, pyroclastic flows and debris flows. *Special Publications of International Association of Sedimentology*, Volume 31, pp. 11-43.

Takahashi, T., 2009. A Review of Japanese Debris Flow Research. *International Journal of Erosion Control Engineering*, Volume 2, pp. 1-14.

Turner, A. K. & Jayaprakash, G. P., 1996. *Introduction in Landslides : Investigation And Mitigation*, Washington DC: National Academy of Sciences.

Varnes, D., 1978. *Slope movement types and processes*, In Special Report 176: Landslides: Analysis and control (Eds: Schuster, R.L and Krizek, R.J), Transportation and Road research board, National Academy of Science, Washington D.C. 11-33.

Wahyu, D., 2017. *Model Numerik 2,5D Gerakan Longsor Memperhitungkan Erosi dan Deposisi Sepanjang Jalur Aliran*. Tesis. Yogyakarta: Program Pascasarjana Fakultas Teknik Universitas Gadjah Mada.

Wilopo, W., Arrisaldi, T., Bagaskara, Y., Ratri, D., Sasmitha, B. A., 2018. *Kejadian Longsor Di Desa Pasir Panjang, Kecamatan Salem, Kabupaten Brebes*. Yogyakarta: Fakultas Teknik Universitas Gadjah Mada.