

REFERENCES

- Angeli, M., Gasparetto, P., Menotti, R., Pasuto, A., Silvano, S. & Uniti, C. S., (1996). *A visco-plastic model for slope analysis applied to a mudslide in Cortina Ampezzo. Italy, Engineering Geology*. 29, 233-240.
- Braja, M. Das., (1998). *Principles of Geotechnical Engineering*. PWS Publishing Company, Boston.
- Corominas, J., Moya, J., Ledesma, A., Lloret, A. & Gili, J. A., (2005). *Prediction of ground displacement and velocity from groundwater level changes at the Vallecbre Landslide (Eastern Pyreness, Spain)*. 83-96. doi: 10.1007/s10346-005-0049-1.
- Cruden, D. M. & Varnes, D. J., (1996). *Landslide type and processes*. *Landslide: Investigation and mitigation*, 247, 36-75.
- Department of Geological Engineering, Faculty of Engineering, Gadjah Mada University, 2018. *Kajian Geologi Gerakan Tanah Di Desa Pendoworejo, Kecamatan Girimulyo, Kabupaten Kulon Progo*
- Edger, I. L. & Kalrsrud, K., (1985). *Viscous analysis of submarine flow*. Proc. 4th Int. Conf. On the Behavior of Offshore Structure, Delft, Development in Marine Technology., 2, 773-784.
- Dereck, H. C., (2005). *Landslides in Practice*. John Wiley and Sons, Inc., Hoboken, New Jersey
- Fathani, T. F., (2001). *Hazard area prediction of the motion of landslide*. Graduate Thesis. Civil and Environmental Engineering Department, Gadjah Mada University, Yogyakarta.
- Fathani, T.F., Karnawati, D., and Wilopo. W, (2014). *An Adaptive and Sustained Landslide Monitoring and Early Warning System*. K. Sassa et al. (eds), *Landslides Science for a Safer Geo-environment*, Vol 2, doi: 10.1007/978-3-319-05050-8_87, Springer, Switzerland.
- Fathani, T.F and Karnawati, D., (2017). *A Landslide Monitoring and Early Warning System*. *Landslide Dynamic: ISDR-ICL Landslide Interactive Teaching Tools*, Vol 1, doi: 10.1007/978-3-319-57774-6 21, Springer
- Fathani, T.F., Karnawati, D., and Wilopo. W, (2017). *Promoting a Global Standard for Community-Based Landslide Early Warning System (WCoE 2014-*

2017,IPL-158,IpL-165). K.Sassa et al.(eds), *Advancing Culture of Living with Landslide*, doi: 10.1007/978-3-319-59469-9_30

Faris, F., (2010). *Dynamic simulation of rainfall triggering landslide movement by visco-plastic model*. Graduate Thesis. Civil and Environmental Engineering Department, Gadjah Mada University, Yogyakarta.

Faris, F. and Fathani, T.F, (2013). *A coupled hydrology/slope kinematics model for developing early warning criteria in the Kalitlaga Landslide, Banjarnegara, Indonesia*. *Progress of Geo-Disaster Mitigation Technology in Asia*”, doi: 10.1007/978-3-642-29107-4_26, 453-467

Fredlund, D.G. (1984). *Analytical methods for slope stability analysis*. *Proceedings of the Fourth International Symposium on Landslides, State-of-the-Art*: 229–250.

Hong, Y., Hiura, H., Shino, K., Sassa, K. & Fukuoka, H., (2005a). *Quantitative assessment on the influence of heavy rainfall on the crystalline schist landslide by monitoring system-case study on Zentoku landslide, Japan*. *Landslide*, (December 2004), 31-41. doi:10.1007/s10346-005-0044-6.

J.A.R.Otigao and A.S.F.J.Sayao, (2004), *Handbook of Slope Stabilisation*. Springer, Germany

Karnawati, D., (1998). Natural slope failure on weathered andesitic breccia in Samigaluh area, Indonesia. *Fourth International Conference on Case Histories in Geotechnical Engineering*, St. Louis, Missouri.

Karnawati, D., (2005). *Bencana Alam Gerakan Massa Tanah di Indonesia dan Upaya Penanggulangannya*. Jurusan Teknik Geologi, Fakultas Teknik, Universitas Gadjah Mada, Yogyakarta.

Karnawati D, Fathani TF, Andayani B, Legono D, Burton PW (2011.) *Landslide hazard and community-based risk reduction effort in Karanganyar and the surrounding area Central Java, Indonesia*. *J Mt Sci* 8(2):149–153.

Regional Development and Poverty Reduction Program, (2005), *Atlas Kulon Progo Regency*. Main final report.

Liao, Z, Hong, Y and Fukuoka, H, (2010). *Prototyping an experimental early warning system for rainfall-induced landslides in Indonesia using satellite remote sensing and geospatial datasets*. *Landslide* 7:317-324, doi: 10.1007/s10346-010-0219-7, Springer-Verlag.

- Locat, J. & Demer, D., (1988). *Viscosity, yield stress, remolded strength, and liquidity index relationship for sensitive clays*. Canadian Geotech. J., 25(4), 799-806.
- Musa, G.A. & Garba, L., (2015). *Effect of Rainfall on Groundwater Level Fluctuation in Terengganu, Malaysia*. Journal of Remote Sensing and GIS, doi: 10.4172/2469-4134.1000142
- Myat, T. N. (2018). *Analysis of landslide hazard mechanisms for Jeruk landslide, Kulon Progo regency, Yogyakarta province, Indonesia*. Graduate Thesis. Civil and Environmental Engineering Department, Gadjah Mada University, Yogyakarta.
- Nakamura, (1996), "Landslide in Japan". The Japan Landslide Society National Conference of Landslide control.
- Pinyol, Alvarado and Alonso, (2017), "Effect of shear band thickness on the Thermo-Hydro-Mechanic coupled analysis of landslide". JTC1 Workshop on Advances in Landslide Understanding, Barcelona, Spain.
- Thomas, Anderson and Crozier, (2005), "Landslide hazard and risk". John Wiley and Sons Ltd, Chicester.
- Ranalli, M., Gottardi, G., Medina-cetina, Z. & Nadim, F., (2009). *Uncertainty quantification in the calibration of a dynamic visco-plastic model of slow slope movements*. doi: 10.1007/s10346-009-0185-0.
- Roy, E.H., (2007), "Geotechnical investigation methods – A field guide for Geotechnical Engineers". Taylor and Francis Group, Boca Raton.
- Wilopo, W. & Fathani, T. F., (2017). *Landslide by Geological Investigation Jeruk Sub-village, Kulon Progo*. Department of Geological Engineering, Engineering Faculty, Universitas Gadjah Mada.
- Yen, B. C., (1969). *Stability of slopes undergoing creep deformation*. Soil Mech. Found. Div., SM 4, pp. 1075-1096.