

DAFTAR PUSTAKA

- Aleotti, P. (2004). A Warning System of Rainfall-Induced Shallow Failure. *Engineering Geology*, Vol. 73, 247-265.
- Alfina, T., Santosa, B., & Barakbah, A. (2012). Analisa Perbandingan Metode Hierachical Clustering, K-Means, dan Gabungan Keduanya dalam Cluster Data (Studi Kasus: Problem Kerja Praktek Jurusan Teknik Industri ITS).
- Ali, K. (2005). *Dasar-Dasar Ilmu Tanah*. Jakarta: PT. Raja Grafindo Persada.
- Banuwa, I. S. (2013). *EROSI*. Jakarta: Prenadamedia Group.
- Badan Nasional Penanggulangan Bencana.2012. Data Kebencanaan (diakses melalui www.bnpb.go.id diakses pada tanggal 10 Februari 2017)
- Blong, R., & Dungkerley, D. (1976). Landslides in the Razorback area, New South Wales, Australia. *Geogr.Ann*, Vol. 58A, 139-149.
- Brady, H. B. (1969). *Ilmu Tanah*. Jakarta: Bharata Karya Aksara.
- Brand, E., Premchitt, J., & Phillipson, H. (1984). Relationship Between rainfall and lanslides in Hong Kong. *Proc. of the IV International Symposium on Landslides Toronto*, Vol.1 377-384, 377-384.
- Budhi, G., Liliana, & Harryanto, S. (2006). Cluster Analysis untuk Memprediksi Talenta Pemain Basket Menggunakan Jaringan Syaraf Tiruan Self Organizing Map (SOM).
- Cahyadi, H., Huuriyah, Q., Fakhri, M., Jaya, J., & Gani, R. (2016). Analisis Risiko Gerakan Tanah di Kecamatan Majalengka, Kabupaten Majalengka, Jawa Barat.

- Cancelli, A., & Nova, R. (1985). Landslides in soil debris cover triggered by rainstrom in Valtellina (Central Alps, Italy). *Proc. Of the IV International Conferenceon Landslides, Vol. 1*, 267-272.
- Cannon, S., & Ellen, S. (1985). Rainfall condition for abundant derbisabanches, San Francisco Bay region, California. *California Geology, Vol. 38, No. 12*, 267-272.
- Ceriani, M., Lauzi, S., & Padovan, N. (1992). Rainfall and landslides in the Alpine area of Lombardia Region, central Alps, Italy. *Proceedings, Interpraevent Int. Symp, Bern, Vol. 2*, 9-20.
- Cheadle, C., Vawter, M. P., Freed, W. J., & Becker, K. G. (2003). Analysis of Microarray Data using Z Score Transformation. *The Journal of Molecular Diagnostics*, 73-81.
- CJ, V., TWJ, V., & R., S. (2003). Landslide Hazard And Risk Zonation Why is it So Difficult? *Bull. Eng Geol.*
- Coburn, A. (1994). *Mitigasi Bencana Alam Edisi 2*. UNDP.
- Cotecchia, V. (1978). Systematic reconnaissance mapping and registration of slope movement. *Bulletin of the International Association of Engineering Geology, Vil. 17*, 5-37.
- Crosta, G. (1998). Regionalization of rainfall threshold: an aid to landslide hazard evaluation. *Environmental Geology, Vol. 35*, 13-145.
- Crosta, G., & Frattini , P. (2001). Rainfall thresholds for triggering soil slips and debris flow, Proc. of EGS 2nd Plinius Conference 2000. *Mediterranean Stroms, Siena*, 463-488.

- Dahal, R., & Hasegawa, S. (2008). Representative rainfall thresholds for landslides in the Nepal Himalaya. *Geomorphology*, Vol. 100, 449-443.
- Davies, D., & Bouldin, D. (1979). A Cluster Separation Measure. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 224.
- Dayal, U., Chaudhuri, S., & Narasayya, V. (2011). An Overview of Business Intelligence Technology. *Communication of The ACM*, 88-98.
- Dinata, I., Treman, I., & Suratha, I. (2013). Pemetaan Daerah Rawan Bencana Tanah Longsor di Kecamatan Sukasada, Kabupaten Buleleng.
- Du, K., & Swamy, M. (2006). *Neural Network in a Softcomputing Framework*. London: Springer.
- Dubes and Jain, A. (1988). *Algorithm for Clustering Data*. New Jersey: Prentice Hall.
- Fausset, L. (1994). *Fundamental of Artificial Neural Network (Architectures, Algorithms, and Application)*. New Jersey: Prentice-Hall.
- Freeman, J. A. (1992). *Neural Network Algorithm, Application, and Programming Techniques*. New York: Addison Wesley Publishing.
- Guzzetti, F., Cardinali, M., Reichenbach, P., Cipolla, F., Sebastiani, C., Galli, M., et al. (2004). Landslides triggered by the 23 November 2000 rainfall event in the Imperia Province, Western Liguria, Italy. *Engineering Geology*, Vol. 73, 229-245.
- Hanafiah, K. A. (2007). *Dasar-Dasar Ilmu Tanah*. Jakarta: Divisi buku perguruan tinggi PT. Raja Grafindo Persada.

- Hariri, F., & Pamungkas, D. (2016). Self Organizing Map-Neural Network untuk Pengelompokkan Abstrak.
- Hartati, S. K. (2010). *Neuro-Fuzzy: Integrasi Sistem Fuzzy & Jaringan Syaraf*. Yogyakarta: Graha Ilmu.
- Haykin, S. (1999). *Neural Network: A Comprehensive Foundation*. New Jersey: Prentice-Hall.
- Kim, S., Hong, W., & Kim, Y. (1991). Prediction of rainfall triggered landslides in Korea. In: *Landslides* (Bell, D.H. Ed.), Rotterdam: A.A, Balkema, Vol. 2, 989-994.
- Kristanto, A. (2004). *Jaringan Syaraf Tiruan (Konsep Dasar, Algoritma, dan Aplikasi)*. Yogyakarta: Gaya Media.
- Kurniawan, D. (2010). Pemanfaatan Jaringan Sensor Nirkabel dengan Sensor Percepatan H48C sebagai Sistem Akuisisi Data dan Sistem Peringatan Dini Bencana Tanah Longsor. *Jurnal Penanggulangan Bencana*, 60-61.
- Kusumadewi, S. (2003). *Artificial Intelligence*. Yogyakarta: Graha Ilmu.
- Li, T., & Wang, S. (1992). *Landslide hazards and their mitigation in China*. Beijing: Science Press.
- Martiana, E. (2013). Data Preprocessing.
- Moeloeng, L. J. (2014). *Metodologi Penelitian Kualitatif*. Bandung: Remaja Rosdakarya.
- Nandi. (2007). *Longsor*. Bandung: FPIPS-UPI.

- Naryanto, H. (2011). Analisis Kondisi Bawah Permukaan dan Risiko Bencana Tanah Longsor untuk Arahan Penataan Kawasan di Desa Tengklik Kecamatan Tawangmangu Kabupaten Karanganyar Jawa Tengah.
- Naryanto, H. (2011). Analisis Risiko Bencana Tanah Longsor di Kabupaten Karanganyar, Provinsi Jawa Tengah. *Jurnal Penanggulangan bencana Volume 2 Nomor 11*, 21-32.
- Pemerintah Republik Indonesia. 2007. Undang-Undang Republik Indonesia Nomor 24 Tahun 2007 tentang Penanggulangan Bencana. Jakarta.
- Prof. Dr. Ir. Irwan Sukri Banuwa, M. S. (2013). *Erosi*. Jakarta: Prenadamedia Group.
- Setiyono, B., & Mukhlis, I. (2005). Kajian Algoritma GDSBScan. Clarans dan Cure untuk Spatial Clustering.
- Shieh, S., & Liao, I. (2012). A New Approach for Data Clustering and Visualization Using Self-Organizing Map. *International Journal of Expert System with Application*, 39.
- Siang, J. (2009). *Jaringan Syaraf Tiruan dan Pemogramannya Menggunakan Matlab (Ed.II)*. Yogyakarta: Andi Offset.
- Su, M. (2003). *A New Index of Cluster Validity*. Dipetik Maret 2, 2017, dari <http://www.cs.missouri.edu/~skubic/8820/ClusterValid.pdf>
- Suharsaputra, U. (2012). *Metode Penelitian: Kuantitatif, Kualitatif, dan Tindakan*. Bandung: Refika Aditama.
- Sukandarrumidi. (2010). *Bencana Alam dan Bencana Anthropogene*. Yogyakarta: Kanisius.

- Tan, P.-N., Steinbach, M., & Kumar, V. (2006). *Introduction to Data Mining*. New York: Addison Wesley Publishing.
- Utomo, W. H. (1994). *Erosi dan Konservasi Tanah*. Malang: IKIP Malang.
- Yin, P. D. (2005). *Studi Kasus: Desain dan Metode*. Jakarta: PT. RajaGrafindo Persada.