DAFTAR PUSTAKA

Anderson, J. (2013). *Fundamentals of Fundamentals of* (Vol. 5). https://www.crcpress.com/Fundamentals-of Picoscience/Sattler/p/book/9781466505094#googlePreviewContainer

Badan Nasional Penanggulangan Bencana. (2020). *No Title*. Data Dan Informasi Bencana Indonesia Tahun 2020.

Baihaqi, W. M., Pinilih, M., Rohmah, M., Informasi, T., Purwokerto, U. A., Informasi, S., Purwokerto, U. A., & Korespondensi, P. (2020). *Kombinasi K-Means Dan Support Vector Machine (Svm) Untuk K-Means and Support Vector Machine (Svm) Combination To Predict Sara Elements on Tweet*. *7*(3), 501–510. https://doi.org/10.25126/jtiik.202072126

Bappeda, J. (2020). Kabupaten Pacitan. In *BPS* (Issue 8).

Barrow, D. K., & Crone, S. F. (2013). Crogging (cross-validation aggregation) for forecasting - A novel algorithm of neural network ensembles on time series subsamples. *Proceedings of the International Joint Conference on Neural Networks*, *August 2013*. https://doi.org/10.1109/IJCNN.2013.6706740

Brenning, A. (2005). Spatial prediction models for landslide hazards: review, comparison, and evaluation. Natural Hazards and Earth System Sciences, 5, 853-862.

Capitani, M., Ribolini, A., & Bini, M. (2013). The slope aspect: A predisposing factor for landsliding? *Comptes Rendus - Geoscience*, *345*(11–12), 427–438. https://doi.org/10.1016/j.crte.2013.11.002

Chang, K. T., Merghadi, A., Yunus, A. P., Pham, B. T., & Dou, J. (2019). Evaluating scale effects of topographic variables in landslide susceptibility models using GIS-based machine learning techniques. *Scientific Reports*, *9*(1), 1–21. https://doi.org/10.1038/s41598-019-48773-2

Chou, J. S., Cheng, M. Y., Wu, Y. W., & Pham, A. D. (2014). Optimizing parameters of support vector machine using fast messy genetic algorithm for dispute classification.

Expert Systems with Applications, *41*(8), 3955–3964. https://doi.org/10.1016/j.eswa.2013.12.035

Cruden , D . M ., Varnes, D. . J. . (2016). *Landslide Types and Processes , Special Report , Transportation Research Board , National Academy of Sciences , 247 : 36-75. January 1996*, 36–75.

Dou, J., Yunus, A. P., Merghadi, A., Shirzadi, A., Nguyen, H., Hussain, Y., Avtar, R., Chen, Y., Pham, B. T., & Yamagishi, H. (2020). Different sampling strategies for predicting landslide susceptibilities are deemed less consequential with deep learning. *Science of the Total Environment*, *720*(February), 137320. https://doi.org/10.1016/j.scitotenv.2020.137320

Durrant, S., Hardoon, D. R., Brechmann, A., Shawe-Taylor, J., Miranda, E. R., & Scheich, H. (2009). GLM and SVM analyses of neural response to tonal and atonal stimuli: new techniques and a comparison. *Connection Science*, *21*(2-3), 161-175.

Falaschi, F., Giacomelli, F., Federici, P. R., Puccinelli, A., D'Amato Avanzi, G., Pochini, A., & Ribolini, A. (2009). Logistic regression versus artificial neural networks: Landslide susceptibility evaluation in a sample area of the Serchio River valley, Italy. *Natural Hazards*, *50*(3), 551–569. https://doi.org/10.1007/s11069-009-9356-5

Fan, W., Wei, X. sheng, Cao, Y. bo, & Zheng, B. (2017). Landslide susceptibility assessment using the certainty factor and analytic hierarchy process. *Journal of Mountain Science*, *14*(5), 906–925. https://doi.org/10.1007/s11629-016-4068-2

Fang, Z., Wang, Y., Peng, L., & Hong, H. (2020). Integration of convolutional neural network and conventional machine learning classifiers for landslide susceptibility mapping. *Computers and Geosciences*, *139*(October 2019), 104470. https://doi.org/10.1016/j.cageo.2020.104470

García-Delgado, H. (2020). The San Eduardo Landslide (Eastern Cordillera of Colombia): Reactivation of a deep-seated gravitational slope deformation. *Landslides*, *17*(8), 1951–1964. https://doi.org/10.1007/s10346-020-01403-9

Hadi, Y. (2008). *Metode Penelitian Wilayah Kontemporer*. Pustaka Pelajar.

Hadmoko, D. S., Lavigne, F., Sartohadi, J., Hadi, P., & Winaryo. (2010). Landslide hazard and risk assessment and their application in risk management and landuse planning in eastern flank of Menoreh Mountains, Yogyakarta Province, Indonesia. *Natural Hazards*, *54*(3), 623–642. https://doi.org/10.1007/s11069-009-9490-0

Hadmoko, D. S., Lavigne, F., & Samodra, G. (2017). Application of a semiquantitative and GIS-based statistical model to landslide susceptibility zonation in Kayangan Catchment, Java, Indonesia. *Natural Hazards*, *87*(1), 437–468. https://doi.org/10.1007/s11069-017-2772-z

Hadmoko, D. S., Lavigne, F., Sartohadi, J., Gomez, C., & Daryono, D. (2017). Spatio-Temporal Distribution of Landslides in Java and the Triggering Factors. *Forum Geografi*, *31*(1), 1–15. https://doi.org/10.23917/forgeo.v31i1.3790

Hadmoko, D. S., Lavigne, F., Sartohadi, J., Hadi, P., & Winaryo. (2010). Landslide hazard and risk assessment and their application in risk management and landuse planning in eastern flank of Menoreh Mountains, Yogyakarta Province, Indonesia. *Natural Hazards*, *54*(3), 623–642. https://doi.org/10.1007/s11069-009-9490-0

Hardiyatmo, H. (2012). *Tanah Longsor & Erosi Kejadian dan Penanganan*. UGM Press.

Herrmann, H., & Bucksch, H. (2014). Dictionary Geotechnical Engineering/Wörterbuch GeoTechnik. In *Dictionary Geotechnical Engineering/Wörterbuch GeoTechnik*. https://doi.org/10.1007/978-3-642-41714-6

Huang, Y., & Zhao, L. (2018). Review on landslide susceptibility mapping using support vector machines. *Catena*, *165*(January), 520–529. https://doi.org/10.1016/j.catena.2018.03.003

Hungr, O., Leroueil, S., & Picarelli, L. (2014). The Varnes classification of landslide types, an update. *Landslides*, *11*(2), 167–194. https://doi.org/10.1007/s10346-013-0436-y

Hussin, H. Y., Zumpano, V., Reichenbach, P., Sterlacchini, S., Micu, M., van Westen, C., & Bălteanu, D. (2016). Different landslide sampling strategies in a grid-based bi-variate statistical susceptibility model. *Geomorphology*, *253*, 508–523.

https://doi.org/10.1016/j.geomorph.2015.10.030

Iswari, M. Y., & Anggraini, K. (2018). Demnas: Model Digital Ketinggian Nasional Untuk Aplikasi Kepesisiran. *Oseana*, *43*(4). https://doi.org/10.14203/oseana.2018.vol.43no.4.2

Jamilatuzzahro., Herliansyah, R., & Caraka, R. E. (2018). *Aplikasi generalized linear model pada R* (Issue February).

Lee, S., & Talib, J. A. (2005). Probabilistic landslide susceptibility and factor effect analysis. *Environmental Geology*, *47*(7), 982–990. https://doi.org/10.1007/s00254-005-1228-z

Lee, Saro. (2005). Application and cross-validation of spatial logistic multiple regression for landslide susceptibility analysis. *Geosciences Journal*, *9*(1), 63–71. https://doi.org/10.1007/BF02910555

Lee, Saro, Hong, S. M., & Jung, H. S. (2017). A support vector machine for landslide susceptibility mapping in Gangwon Province, Korea. *Sustainability (Switzerland)*, *9*(1), 15–19. https://doi.org/10.3390/su9010048

Lovelace, R., Nowosad, J., & Muenchow, J. (2019). Geocomputation with R. *Geocomputation with R*, *March*. https://doi.org/10.1201/9780203730058

Malarvizhi, K., Kumar, S. V., & Porchelvan, P. (2016). Use of High Resolution Google Earth Satellite Imagery in Landuse Map Preparation for Urban Related Applications. *Procedia Technology*, *24*, 1835–1842. https://doi.org/10.1016/j.protcy.2016.05.231

Malik, R. F., & Sartohadi, J. (2016). Pemetaan Geomorfologi Detail Menggunakan Teknik Step-wise Grid Di DAS Bompon Kabupaten Magelang, Jawa Tengah. *Jurnal Bumi Indonesia*, *6*(2), 1–16.

Marjanović, M., Kovačević, M., Bajat, B., & Voženílek, V. (2011). Landslide susceptibility assessment using SVM machine learning algorithm. *Engineering Geology*, *123*(3), 225–234. https://doi.org/10.1016/j.enggeo.2011.09.006

Maune, D. F. (2007). *Digital Elevation Model Technologies and Aplication : The DEM Users Manual, 2nd Edition*. ASPRS.

Memarian, N., Torre, J. B., Haltom, K. E., Stanton, A. L., & Lieberman, M. D. (2017). Neural activity during affect labeling predicts expressive writing effects on well-being: GLM and SVM approaches. *Social cognitive and affective neuroscience*, *12*(9), 1437-1447.

Meyer, D., Leisch, F., & Hornik, K. (2003). The support vector machine under test. *Neurocomputing*, *55*(1-2), 169-186.

Montanarella, L., Eeckhaut, M. Van Den, & Herva, J. (2013). Landslide Science and Practice. *Landslide Science and Practice*, *1*. https://doi.org/10.1007/978-3-642-31325-7

Nasution, M. R. A., & Hayaty, M. (2019). Perbandingan Akurasi dan Waktu Proses Algoritma K-NN dan SVM dalam Analisis Sentimen Twitter. *Jurnal Informatika*, *6*(2), 226–235. https://doi.org/10.31311/ji.v6i2.5129

Nomenclature, A., Point, R., & Lefranc, M. (2013). Encyclopedia of Systems Biology. In *Encyclopedia of Systems Biology*. https://doi.org/10.1007/978-1-4419-9863-7

Nugroho, U. C., & Trisakti, B. (2016). Pemanfaatan Data Resolusi Sangat Tinggi Pleiades untuk Identifikasi Saluran Irigasi (Application of Pleiades Very High Resolution Data for Irrigation Channel Identification). *Prosiding Seminar Nasional Penginderaan Jauh 2016*, *July*, 272–277. http://sinasinderaja.lapan.go.id/

O'Connell, M. (1993). Generalized Linear Mixed Models: A Pseudo-Likelihood Approach. *Journal of Statistical Computation and Simulation*, *48*(3–4), 233–243. https://doi.org/10.1080/00949659308811554

Ozdemir, A., & Altural, T. (2013). A comparative study of frequency ratio, weights of evidence and logistic regression methods for landslide susceptibility mapping: Sultan mountains, SW Turkey. *Journal of Asian Earth Sciences*, *64*, 180–197. https://doi.org/10.1016/j.jseaes.2012.12.014

Pourghasemi, H. R., & Rossi, M. (2017). Landslide susceptibility modeling in a landslide prone area in Mazandarn Province, north of Iran: a comparison between GLM, GAM, MARS, and M-AHP methods. *Theoretical and Applied Climatology*, *130*(1–2), 609–633. https://doi.org/10.1007/s00704-016-1919-2

Putra Maretika, R. (2017). Designing Software Prototype for Digital Surface Model Extraction from Stereo Satellite Imagery Based on Rational Function Model. *Journal of Geosciences and Geomatics*, *5*(4), 195–204. https://doi.org/10.12691/jgg-5-4-4

SafeLand D2.4. (2011). Guidelines for landslide susceptibility, hazard and risk assessment and zoning. *7th Framework Programme Cooperation Theme 6 Environment (Including Climate Change) Sub-Activity 6.1.3 Natural Hazards*, 1–173. http://www.safeland-fp7.eu

Saha, A., & Saha, S. (2020). Comparing the efficiency of weight of evidence, support vector machine and their ensemble approaches in landslide susceptibility modelling: A study on Kurseong region of Darjeeling Himalaya, India. *Remote Sensing Applications: Society and Environment*, *19*(February), 100323. https://doi.org/10.1016/j.rsase.2020.100323

Samodra, G. (2008). Studi Geomorfologi Penilaian Kerentanan Longsor dengan Metode Heuristik-Statistik di Das Kayangan Kulonprogo. *Skripsi*. Fakultas Geografi UGM. Yogyakarta.

Samodra, G., Chen, G., Sartohadi, J., & Kasama, K. (2017). Comparing data-driven landslide susceptibility models based on participatory landslide inventory mapping in Purwosari area, Yogyakarta, Java. *Environmental Earth Sciences*, *76*(4), 1–19. https://doi.org/10.1007/s12665-017-6475-2

Samodra, G., Hadmoko, D. S., Wicaksono, G. N., Adi, I. P., Yudinugroho, M., Wibowo, S. B., Suryatmojo, H., Purwanto, T. H., Widartono, B. S., & Lavigne, F. (2018). The March 25 and 29, 2016 landslide-induced debris flow at Clapar, Banjarnegara, Central Java. *Landslides*, *15*(5), 985–993. https://doi.org/10.1007/s10346-018-0958-4

Samodra, G., Ngadisih, N., Malawani, M. N., Mardiatno, D., Cahyadi, A., & Nugroho, F. S. (2020). Frequency–magnitude of landslides affected by the 27–29 November 2017 Tropical Cyclone Cempaka in Pacitan, East Java. *Journal of Mountain Science*, *17*(4), 773–786. https://doi.org/10.1007/s11629-019-5734-y

Sandric, I., Ionita, C., Chitu, Z., Dardala, M., Irimia, R., & Furtuna, F. T. (2019). Using CUDA to accelerate uncertainty propagation modelling for landslide susceptibility assessment. *Environmental Modelling and Software*, *115* (February), 176–186. https://doi.org/10.1016/j.envsoft.2019.02.016

Schratz, P., Muenchow, J., Iturritxa, E., Richter, J., & Brenning, A. (2018). *Performance evaluation and hyperparameter tuning of statistical and machine-learning models using spatial data. December 2019.* https://doi.org/10.1016/j.ecolmodel.2019.06.002

Senez-Gagnon, F., Thiffault, E., Paré, D., Achim, A., Bergeron, Y., Bazoge, A., Lachance, D., Villeneuve, C., Simulé, L., Steve, C., Biléya, D. N. A., Immigration, M. De, Francisation, D., Groupe de travail sur les terres Humides, Howie, S. A., Van Meerveld, I., Deat, E., Langlois, M. N., Price, J. S., … Sequestration, P. D. E. (2014). No 主観的健康感を中心とした在宅高齢者における 健康関連指標に関する共分散構造分析Title. *Ministère Du Développement Durable, de l'Environnement et de La Lutte Contre Les Changements Climatiques, Direction de l'expertise En Biodiversité et Direction de l'aménagement et Des Eaux Souterraines*, *2014*(August), 1–43. http://dx.doi.org/10.1016/j.scitotenv.2014.10.007

Soldato, M. Del, Martire, D. Di, Bianchini, S., Tomás, R., Vita, P. De, Ramondini, M., Casagli, N., & Calcaterra, D. (2019). *Assessment of landslide-induced damage to structures : the Agnone landslide case study (southern Italy) Mass movements are caused by several predisposing and*. 2387–2408.

Soman, K. P., Loganathan, R., & Ajay, V. (2009). *Machine learning with SVM and other kernel methods*. PHI Learning Pvt. Ltd..

Srivastava, P. K., Yaduvanshi, A., Singh, S. K., Islam, T., & Gupta, M. (2016). Support vector machines and generalized linear models for quantifying soil dehydrogenase activity in agro-forestry system of mid altitude central Himalaya. *Environmental Earth Sciences*, *75*(4), 1–15. https://doi.org/10.1007/s12665-015-5074-3

Sugianti, K. (2014). *Pengklasan Tingkat Kerentanan Gerakan Tanah Daerah Sumedang Selatan Menggunakan Metode Storie*. Riset Geologi dan Pertambangan.

Suktikno., Dibyosaputro, Suprapto., Haryono, E. (2020). *Geomorfologi Dasar Bagian 1*. UGM Press.

Sulistian, T., Parapat, A. D., & Aristomo, D. (2019). Analisis Akurasi Vertikal Digital Elevation Model Nasional (Demnas) Studi Kasus Kota Medan. *FIT ISI 2019 Dan ASEANFLAG 72nd COUNCIL MEETING Analisis*, *1*(November 2019), 37–45.

Utami, W., & Wibowo, Y. A. (2019). Pemanfaatan Data Spasial dan Data Kerawanan Wilayah (Studi Kasus Pasca Tsunami di Banten). *Seminar Nasional UNRIYO Maret 2019 Pendekatan Multidisiplin Ilmu Dalam Manajemen Bencana*, 1–8. http://prosiding.respati.ac.id/index.php/PSN/article/download/26/23

Wang, Y., Fang, Z., Wang, M., Peng, L., & Hong, H. (2020). Comparative study of landslide susceptibility mapping with different recurrent neural networks. *Computers and Geosciences*, *138*(May 2019), 104445. https://doi.org/10.1016/j.cageo.2020.104445

Whitt, G., & Fell, R. (2007). *planning Australian Geomechanics*. 13–36.

Yao, X., Tham, L. G., & Dai, F. C. (2008). Landslide susceptibility mapping based on Support Vector Machine: A case study on natural slopes of Hong Kong, China. *Geomorphology*, *101*(4), 572–582. https://doi.org/10.1016/j.geomorph.2008.02.011

Youssef, A. M., Pourghasemi, H. R., Pourtaghi, Z. S., & Al-Katheeri, M. M. (2016). Landslide susceptibility mapping using random forest, boosted regression tree, classification and regression tree, and general linear models and comparison of their performance at Wadi Tayyah Basin, Asir Region, Saudi Arabia. *Landslides*, *13*(5), 839–856. https://doi.org/10.1007/s10346-015-0614-1

Zhu, A. X., Miao, Y., Liu, J., Bai, S., Zeng, C., Ma, T., & Hong, H. (2019). A similarity-based approach to sampling absence data for landslide susceptibility mapping using data-driven methods. *Catena*, *183*(October 2018), 104188. https://doi.org/10.1016/j.catena.2019.104188

Zuidam, V. (1979). *Guide to Geomorphologic Aerial Photographic Interpretation and Mapping*. ITC University.