



DAFTAR PUSTAKA

- Ahmed, K. R. & Akter, S., 2017. Analysis of landcover change in southwest Bengal delta due to floods by NDVI, NDWI and K-means cluster with landsat multi-spectral surface reflectance satellite data. *Remote Sensing Applications: Society and Environment*, Volume 8, pp. 168-181.
- Amhar, F. & Darmawan, M., 2007. *Sebuah kajian atas peta-peta multi bencana*, Banda Aceh: Bakosurtanal.
- Beven, K. & Kirby, M., 1979. A Physically based variable contributing area model of basin hydrology. *Hydrology Science Bulletin*, Volume 24, pp. 43-69.
- BLH Kota Balikpapan, 2015. *Laporan Status Lingkungan Hidup Daerah Kota Balikpapan 2015*, Balikpapan: BLH Kota Balikpapan.
- BMKG, 2017. *Data Online Pusat Database BMKG*. [Online]
Tersedia di: <http://dataonline.bmkg.go.id>
[Diakses 20 Desember 2017].
- BNPB, 2012. *Peraturan Kepala BNPB No 02 Tahun 2012 tentang Pedoman Umum Pengkajian Risiko Bencana*, s.l.: s.n.
- BNPB, 2013. *Indeks Risiko Bencana Indonesia (IRBI)*, Jakarta: s.n.
- Boubeta, M., Lombardía, M. J., Marey-Perez, M. F. & Morales, D., 2015. Prediction of forest fires occurrences with area-level Poisson mixed. *Journal of Environmental Management*, Volume 154, pp. 151-158.
- Bowles, J. E., 1991. *Sifat-Sifat Fisis Dan Geoteknis Tanah*. Jakarta: Erlangga.
- BPS Kota Balikpapan, 2017. *Kota Balikpapan Dalam Angka*, Balikpapan: BPS Kota Balikpapan.
- BPS Kota Balikpapan, 2017. *Kota Balikpapan Dalam Angka 2017*, Balikpapan: BPS Kota Balikpapan.
- Chen, Jian; Yang, Shengtian; Li, Hongwei; Zhang, Bin; Lv, Junrong;, 2013. *Research On Geographical Environment Unit Division Based On The Method Of Natural Breaks (Jenks)*. Beijing, The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences.
- Craig, R., 1974. *Soil Mechanics*. Canada: Van Nostrand Reinhod Ltd.
- Das, B. M., 2006. *Principles of Geotechnical Engineering, Fifth Edition*. Canada: Nelson.



Deb, S. K. & El-Kadi, A. I., 2009. Susceptibility assessment of shallow landslides on Oahu, Hawaii, under extreme-rainfall events. *Geomorphology*, 108(3-4), pp. 219-233.

Departemen Pekerjaan Umum,, 2007. *Peraturan Menteri Pekerjaan Umum No.22/PRT/M/2007 tentang Pedoman Penataan Ruang Kawasan Rawan Bencana Longsor*, Jakarta: s.n.

ESRI, 2017. *Data classification methods*. [Online]

Tersedia di: <http://pro.arcgis.com/en/pro-app/help/mapping/layer-properties/data-classification-methods.htm>
[Diakses 22 Januari 2018].

Hamza, T. & Raghuvanshi, T. K., 2017. GIS based landslide hazard evaluation and zonation – A case from Jeldu District, Central Ethiopia. *Journal of King Saud University – Science*, Issue 29, pp. 151-165.

Hardiyatmo, H. C., 2012. *Tanah Longsor dan Erosi (Kejadian dan Penanganan)*. Yogyakarta: Gadjah Mada University Press.

Haryanto, D., 2009. *Kajian Risiko Tanah Longsor Di Kota Semarang Provinsi Jawa Tengah*. Yogyakarta: UGM.

ISDR, 2004. *Living with risk. A global review of disaster reduction initiatives*, Geneva: United Nations Publication.

Jannati, I. D., Sholichin, M. & Asmaranto, R., 2014. *Teknik Pengairan UB*. [Online]

Tersedia di: <http://pengairan.ub.ac.id/wp-content/uploads/2014/02/Analisis-Satuan-Kemampuan-Lahan-Ketersediaan-Air-Tanah-Di-Kabupaten-Pasuruan-Idelia-Ditta-Jannati-0910640047.pdf>
[Diakses 20 Januari 2018].

Kafira, V., Albanakis, K. & Oikonomidis, D., 2015. *Flood Susceptibility Assessment using G.I.S. An example from Kassandra Peninsula, Halkidiki*, Greece, Geographical Information Science.

Karnawati, D., 2005. *Bencana Alam Gerakan Massa Tanah di Indonesia dan Upaya Penanggulangannya*. Yogyakarta: Jurusan Teknik Geologi, Fakultas Teknik, UGM.

Kementerian Kehutanan Republik Indonesia, 2009. *Peraturan Menteri Kehutanan Republik Indonesia Nomor : P. 32/Menhut-II/2009 tentang Tata Cara Penyusunan Rencana Teknik Rehabilitasi Hutan dan Lahan Daerah Aliran Sungai (Rtkrhl-Das)*, s.l.: s.n.



Kementerian Pekerjaan Umum Dan Perumahan Rakyat, 2015. *Peraturan Menteri Pekerjaan Umum Dan Perumahan Rakyat Republik Indonesia No. 28/PRT/M/2015 tentang Penetapan Garis Sempadan Sungai Dan Garis Sempadan Danau*, Jakarta: s.n.

Kuenzer, C. & Stracher, G. B., 2012. Geomorphology Of Coal Seam Fires. *Geomorphology*, Volume 138, p. 209–222.

Kumar, D., Thakur, M., Dubey, C. S. & Shuklaa, D. P., 2017. Landslide susceptibility mapping & prediction using Support Vector Machine for Mandakini River Basin, Garhwal Himalaya, India. *Geomorphology*, Issue 295, p. 115–125.

Laski, H., 2015. *Mitigasi Bencana Dengan Pemetaan Risiko Tanah Longsor di Kecamatan Imogiri Kabupaten Bantul*. Yogyakarta: UGM.

Pemerintah Kota Balikpapan, 2012. *Peraturan Daerah Kota Balikpapan No. 12 Tahun 2012 tentang Rencana Tata Ruang Wilayah Kota Balikpapan Tahun 2012–2032*, Balikpapan: Pemerintah Kota Balikpapan.

Pemerintah Kota Balikpapan, 2014. *Masterplan Mitigasi Bencana Kota Balikpapan*, Balikpapan: Pemerintah Kota Balikpapan.

Pemerintah Kota Balikpapan, t.thn. *balikpapan.go.id*. [Online]
Tersedia di: <http://balikpapan.go.id/>
[Diakses 18 September 2017].

Pemprov Kaltim, 2016. *Pemerintah Provinsi Kalimantan Timur*. [Online]
Tersedia di: <http://kaltimprov.go.id/berita/kaltim-perbanyak-ksb-untuk-tingkatkan-kewaspadaan-bencana>
[Diakses 5 Juni 2018].

Qin, C.-Z., Zhu, A.-X., Pei, T. & Li, B.-L., 2011. An approach to computing topographic wetness index based on maximum downslope gradient. *Precision Agriculture*, Issue 12, pp. 32-43.

Rasyid, F., 2014. Permasalahan dan Dampak Kebakaran Hutan. *Jurnal Lingkar Widyaiswara*, 1(4), pp. 47-59.

Reichenbach, Paola; Rossi, Mauro; Malamud, Bruce D.; Mihir, Monika; Guzzetti, Fausto, 2018. A review of statistically-based landslide susceptibility models. *Earth-Science Reviews*, Volume 180, pp. 60-91.

Republik Indonesia, 2007. *Undang-Undang Republik Indonesia No. 24 Tahun 2007 tentang Penanggulangan Bencana*, Jakarta: s.n.

Republik Indonesia, 2011. *Undang-Undang Republik Indonesia No. 4 Tahun 2011 tentang Informasi Geospasial*, Jakarta: s.n.



- Samiaa, J., Temmec, A., Bregta, A. & Wallingab, J., 2017. Characterization and quantification of path dependency in landslide susceptibility. *Geomorphology*, Volume 292, pp. 16-24.
- Schmidt, F. & Persson, A., 2003. Comparison of DEM Data Capture and Topographic Wetness Indices. *Precision Agriculture*, Volume 4, pp. 179-192.
- Sopheap, L., 2007. *Landslide Risk Assessment at Piyungan, Patuk Area, Yogyakarta Special Province, Indonesia*. Yogyakarta.: UGM.
- Tauhid, C. D. L., Fathani, T. F. & Legono, D., 2017. Multi-Disaster Risk Analysis of Klaten Regency, Central Java, Indonesia. *Journal of the Civil Engineering Forum*, 3(3), pp. 135-148.
- Temimi, M., Leconte, R., Chaouch, N. & Sukumal, P., 2010. A combination of remote sensing data and topographic attributes for the spatial. *Journal of Hydrology*, Issue 388, pp. 28-40.
- Thearith, Y., 2009. *Landslide risk mapping using GIS-based weighted linear combination in Kulonprogo Regency, Yogyakarta Special Province, Indonesia*. Yogyakarta: Universitas Gadjah Mada.
- Tribun Kaltim, 2016. *Tribun Kaltim*. [Online]
Tersedia di: <http://kaltim.tribunnews.com/2016/11/01/banjir-60-sentimeter-menutup-akses-jalan-mt-haryono>
[Diakses 22 Januari 2018].
- UNISDR, 2009. *United Nations International Strategy for Disaster Reduction*. [Online]
Tersedia di: <http://www.unisdr.org/we/informterminology>
[Diakses 18 September 2017].
- USGS, 2017. *USGS Landsat Mission*. [Online]
Tersedia di: <https://landsat.usgs.gov/landsat-8>
[Diakses 22 Januari 2018].
- USGS, 2018. *Earth Explorer*. [Online]
Tersedia di: <http://earthexplorer.usgs.gov/>
[Diakses 5 Februari 2018].
- Wahyudianto, E., 2017. *Kajian Risiko dan Analisis Frekuensi Bahaya Longsor Pada Ruas Jalan Jurusan Kota Batu-Batas Kabupaten Kediri*. Yogyakarta: UGM.



- Wang, Z., Cui, P., Yu, G.-a. & Zhang, K., 2012. Stability of landslide dams and development of knickpoints. *Environmental Earth Sciences*, 65(4), pp. 1067-1080.
- Whitehouse, A. E. & Asep A.S. Mulyana, 2004. Coal fires in Indonesia. *International Journal of Coal Geology*, Issue 59, pp. 91-97.
- Winarti, W., 2017. *Kajian Risiko Bencana Untuk Mendukung Perencanaan Tata Ruang Dan Wilayah Kabupaten Tasikmalaya*. Yogyakarta: UGM.
- Wu, X., Shen, S. & Niu, R., 2016. Landslide Susceptibility Prediction Using GIS and PSO-SVM. *Geomatics & Information Science of Wuhan University*, 41(5), pp. 665-671.
- Wu, Z., He, H., Yang, J. & Liang, Y., 2015. Defining fire environment zones in the boreal forests of northeastern China. *Sci. Total Environ.*, Issue 518, pp. 106-116.
- You, W., Lin, L., Wu, L. & Ji, Z., 2017. Geographical information system-based forest fire risk assessment integrating national forest inventory data and analysis of its spatiotemporal variability. *Ecological Indicator*, Issue 77, pp. 176-184.