

DAFTAR PUSTAKA

- Aryanto, R., Muhammad, F. R., Taat, T. P. and Ririn, Y. 2022. Analisis Laju Infiltrasi Berbagai Penggunaan Lahan. *Indonesian Mining and Energy Journal*, 5(1): 17-23.
- Albuquerque, U. P. and Romulo, A. 2016. *What is Ethnobiology – Introduction to Ethnobiology*. Switzerland: Springer International Publishing.
- Andrade, C. 2021. A Student's Guide to the Classification and Operationalization of Variables in the Conceptualization and Design of a Clinical Study: Part 1. *Indian J Psychol Med*, 43(2):177–179.
- Arsal, T., Sumartono., Basri. and Muchtarul, A. 2018. Effect of Sand Mining on Socio-Economic and Ecology of Communities in Lukulo River Areas Kebumen Central Java. *International Journal of Indonesian Society and Culture*, 10(2): 270-278.
- Asdak, C. 2014. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. 6th ed. Yogyakarta: Gadjah Mada University Press.
- Asri, D. P. B. 2023. The Impact of Local Wisdom “Merti Code” on SDG’s Goals in Protecting the River Environment in Yogyakarta. *International Journal of Law and Politics Studies*, 5(6): 149-158.
- Badan Informasi Geospasial Republik Indonesia. 2023. Peta Batas Wilayah Kabupaten Klaten. Jawa Tengah. Diakses dari: <https://tanahair.indonesia.go.id/portal-web/>.
- Badan Pusat Statistik. 2022. *Indeks Pembangunan Manusia Kabupaten Klaten 2022*. Badan Pusat Statistik, 29 December 2023, viewed 30 December 2023, (<https://klatenkab.bps.go.id/publication/2023/12/29/b24237a4304bd75aa66a73a8/index-pembangunan-manusia-kabupaten-klaten-2022.html>).

- Bonasir, R. 2015. *Penambangan Pasir Merapi 'ancam' Lingkungan*. BBC News Indonesia, 10 Juni 2015, Viewed 26 December 2023, (https://www.bbc.com/indonesia/majalah/2015/06/150609_majalah_merapi_pasir).
- Colchester, M. 2004. Conservation Policy and Indigenous Peoples. *Environmental Science & Policy*, 7(3): 145-153.
- Darmanto and Sudarmadji. 2013. Pengelolaan Sungai Berbasis Masyarakat Lokal di Daerah Lereng Selatan Gunungapi Merapi. *Jurnal Manusia dan Lingkungan*, 20(2): 229-239.
- Deng, M., Li, Q., Li, W., Lai, G. and Pan, Y. 2022. Impacts of Sand Mining Activities on the Wetland Ecosystem of Poyang Lake (China). *Land*, 11:1364.
- Donovan, K. and Suharyanto, A. 2011. The creatures will protect us. *Geoscientist*, 21 (2):12-17.
- Dove, M. R. 2008. Perception of volcanic eruption as agent of change on Merapi Volcano, Central Java. *Journal of Volcanology and Geothermal Research*, 172 (3-4):329-337.
- Dudgeon, D., Arthington, A.H., Gessner, M.O., Kawabata, Z.I., Knowler, D.J., L'evêque, C. and Sullivan, C.A., 2006. Freshwater biodiversity: importance, threats, status, and conservation challenges. *Biol. Rev*, 81(2): 163–182.
- Endraswara, S. 2006. *Mistik Kejawen Sinkretisme, Simbolisme dan Sufisme dalam Budaya Spiritual Jawa*. ed 4th. Yogyakarta: penerbit narasi.
- Environmental Protection Agency. 2012. *The Economic Benefits of Protecting Healthy Watersheds*, viewed 25 December 2023, (https://www.epa.gov/sites/default/files/2015-10/documents/economic_benefits_factsheet3.pdf).

- Firmanda, R. R., Donny, H. and Andre, P. H. 2022. Studi Pengaruh Sifat Fisik Tanah terhadap Laju Infiltrasi pada Lahan Pertanian. *Jurnal Teknologi dan Rekayasa Sumber Daya Air*, 2(1): 68-80.
- Fitryani., Frans, A. R. and Dian, P. P. A. 2021. Identifikasi Sumber Air di Lembang Parinding dan Cara Pemanfaatan Berdasarkan Pengetahuan Lokal. *Journal Dynamic Saint*, 6(2): 67-71.
- Gunawan. 2015. Kearifan Masyarakat Lereng Merapi Bagian Selatan, Kabupaten Sleman – Daerah Istimewa Yogyakarta. *Sosio Informa*, 1(2): 189 – 212.
- Hackney, C. R., Darby, S. E., Parsons, D. R., Leyland, J., Best, J. L., Aalto, R., Nicholas, A. P. and Housego, R. C. 2020. River bank instability from unsustainable sand mining in the lower Mekong River. *Nature Sustainability*, 3(3): 217-225.
- Hadmoko, D. S., Bachtiar, W. M., Edouard, B. and Gilang, A. D. 2018. Post-Eruptive Lahars at Kali Putih Following the 2010 Eruption of Merapi Volcano, Indonesia: Occurrences and Impacts. *Natural Hazards*, 94(8): 419-444.
- Han, Y., Wenjing, X., Jiajia, L., Xinqiao, Z., Kexiong, W., Ding, W. and Zhigang, M. 2023. *Ecological Impacts of Unsustainable Sand Mining: Urgent Lessons Learned from a Critically Endangered Freshwater Cetacean*. The Royal Society Publishing.
- Hariyanto and Asep. 2017. Kajian Identifikasi Potensi dan Permasalahan Sumberdaya Air (Studi Kasus: Kabupaten belitung). *Jurnal Perencanaan Wilayah dan Kota*, 11 (2).
- Holmberg, K. 2023. Merapi and Its Dynamic ‘Disaster Culture’. In: Gertisser, R., Troll, V.R., Walter, T.R., Nandaka, I.G.M.A., Ratdomopurbo, A. (eds) *Merapi Volcano. Active Volcanoes of the World*. Springer, Cham.

- Hudayana, B. 2017. Kuasa Harmoni: Adapatasi orang Merapi terhadap Erupsi. In: B. Hudayana (ed.) *Pemberdayaan Masyarakat: Bunga Rampai Antropologi Terapan*. Yogyakarta: Pustaka Pelajar.
- Iskandar, J., Budiawati, S. I., and Ruhyat, P. 2016. The local knowledge of the rural people on species, role and hunting of birds: Case study in Karangwangi Village, WestJava, Indonesia. *Biodiversity Journal of Biological Diversity*, 17(2): 435-446.
- Kamim, A. B. M. 2021. *Mencermati Sengkarut Operasi Tambang Pasir di Sleman*. Mongabay, 29 April 2021, Viewed 26 December 2023, (<https://www.mongabay.co.id/2021/04/29/mencermati-sengkarut-operasi-tambang-pasir-di-sleman/>).
- Karl, T.R., Melillo, J.M., Peterson, T.C., 2009. *Global Climate Change Impacts in the United States*. New York: Cambridge University Press.
- Kelly, M.F., 2010. Community Input to the Watershed Management Process: Determining the Perceived State of Cayuga Creek. *Middle States Geographer*. 43: 50-59.
- Kumar, M., Rathod, R. and Mukherji, A. 2023. Water Security and Spring Conservation in the Himalaya. In: Ojha, H., Schofield, N., Camkin, J. (eds) *Climate Risks to Water Security*. Palgrave Studies in Climate Resilient Societies. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-16648-8_2.
- Kusumaningrum, L., Sitim R., Dalili, G. H., Bebi, S. M. and Dharmawan, W. 2021. Local Wisdom of Merapi Slope Village in Ensuring the Availability and Sustainability of Springs in Glagaharjo Village Cangkringan District of Sleman Yogyakarta. *Journal of Global Environmental Dynamics*, 2(3): 32-37.
- Larcher W, 1995. *Physiological Plant Ecology*. 3rd ed. Austria Springer.
- Lee, R. 1986. *Hidrologi Hutan*. Yogyakarta : Gadjah Mada University Press.

- Lelono, T. M. H. 2015. Ruwatan Tradition: Bersih Desa, Local Wisdom of Disaster Mitigation. *Berkala Arkeologi*, 35(2): 145-162.
- Lupiyanto, R. 2020. *Pengesahan UU Minerba dan Potensi Besar Korupsi di Sektor Energi dan Pertambangan*. Mongabay, 19 May 2020, Viewed 25 December 2023, (<https://www.mongabay.co.id/2020/05/19/penge-sahkan-uu-minerba-dan-potensi-besar-korupsi-di-sektor-energi-dan-pertambangan/>).
- Minsarwati, W. 2002. *Mitos Merapi dan Kearifan Lokal*. Yogyakarta: Kreasi Wacana.
- Muhanna, E. 2006. Sustainable Tourism Development and Environmental Management for Developing Countries. *Problems and Perspectives in Management*, 4(2): 14–30.
- Mulyanti, D. 2022. Kearifan Lokal Masyarakat Terhadap Sumber Mata Air sebagai Upaya Konservasi dan Pengelolaan Sumber Daya Lingkungan. *Bina Hukum Lingkungan*, 6(3): 410-424.
- Napsiah. 2016. Kontekstualisasi Kepercayaan Warga Lokal dalam Menjaga Lingkungan Gunung Merapi. *Kontekstualita*, 31(1): 37-54.
- Nasution, H. and Totoh, A. 2023. Pengaruh Permeabilitas Tanah terhadap Laju Infiltrasi di Daerah Pengembangan Permukiman Kota Padang, *Journal of Civil Engineering and Vocational Education*, 10(1): 68-77.
- Nuraini, C. 2015. Kearifan Lingkungan dalam Pengelolaan Hutan, Tanah dan Sungai di Desa Singengu, Kecamatan Kotanopan, Kabupaten Mandailing Natal, Sumatera Utara. *Jurnal Manusia dan Lingkungan*, 22(1): 100-105.
- Onyango and Opiyo. 2021. Riparian Community Perceptions of The Extent and Potential Impacts of Watershed Degradation in Lake Victoria Basin, Kenya. *Limnologica*, 91.
- Pertiwi, M. and Riwinoto. 2019. Effect of Playability on User Experience in Game “Joko Run”. *2nd International Conference on Applied Engineering (ICAE)*, 1-5.

- Prameswari, S. I., Iskandar, A. M. and Slamet, R. 2019. Kearifan Lokal Masyarakat Adat Dayak Hibun dalam Melestarikan Hutan Teringkang di Dusun Beruak Desa Gunam Kecamatan Parindu Kabuoaten Sanggau. *Jurnal Hutan Lestari*, 7(4): 1668-1681.
- Purnama, S. 2010. Hidrologi Air Tanah. 5th ed. Yogyakarta: Penerbit Kanisius.
- Rachmawan, D. 2020. *Gambut dan Pengetahuan Ekologi Tradisional – Masyarakat Adat, Pengatahuan Ekologi Tradisional, dan Hutan Gambut Indonesia*, in Robert, S (eds). Jakarta: Yayasan Pustaka Obor Indonesia.
- Rahman, F. 2022. *Peranan Masyarakat Adat dalam Konservasi Lingkungan*. Pusat Studi Lingkungan Hidup Universitas Gadjah Mada, 4 July 2022, Viewed 26 December 2023, (<https://pslh.ugm.ac.id/peranan-masyarakat-adat-dalam-konservasi-lingkungan/>).
- Randall, A., 1982. *Resources Economic, an Economic Approach to Natural Resources and Environment Policy*. Illinois.
- Rianto, D. J. 2021. Penentuan Intensitas Curah Hujan dalam Menentukan Debit Limpasan untuk Rekomendasi Pembuatan Saluran Air terhadap Tipe Dinding Saluran Air yang Berbeda. *Jurnal Inovasi Penelitian*, 1(9): 1795-1804.
- Riduansyah and Bambang, W. 2023. Identifikasi dan Kajian Pemanfaatan Sumber Air sebagai Sumber Air Baku di Kawasan Fungsi Lindung Taman Nasional Gunung Palung Kabupaten Kayong Utara. *Jurnal Pedontropika: Jurnal Ilmu Tanah dan Sumber Daya Lahan*, 9(1): 10.
- Rosdiana. 2018. Upaya Konservasi Sumber Daya yang Inovatif dalam Merancang Pemanfaatan Sumber Daya Alam. *Jurnal Hutan Tropika*, 13(2): 121-129.

- Rubiono, G. and Anas, M. 2022. Konsep Konservasi Sumber Air Dilem bagi Kebutuhan Masyarakat Lingkungan Papring Kecamatan Kalipuro Kabupaten Banyuwangi. *Jati Emas (Jurnal Apikasi Teknik dan Pengabdian Masyarakat)*, 6(3): 75-80.
- Saidi, A. and Isril, B. 2013. *Karakteristika Daerah Aliran Sungai Tropika dan Pengelolaannya*. Yogyakarta: LeutikaPrio.
- Smith, T.M. and Smith, R.L. 2012. *Elements of Ecology*. 8th Edition, Pearson Benjamin Cummings, San Francisco.
- Sudarmadji., Darmakusuma, D., Margaretha, W., Sri, L. 2015. Pengelolaan Mata Air untuk Penyediaan Air Rumah Tangga Berkelanjutan di Lereng Selatan Gunungapi Merapi. *Jurnal Manusia dan Lingkungan*, 23(1): 102-110.
- Sugiyono. 2013. *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta.
- Sukmayadi, T. 2018. Nilai-nilai Kearifan Lokal pada Masyarakat Adat Kampung Mahmud dalam Upaya Penguatan Pendidikan Karakter Bangsa. *Jurnal Pendidikan Kewarganegaraan*, 2(1): 11-21.
- Sukobar. 2007. Identifikasi Potensi Sumber Daya Air Kabupaten Pasuruan. *Jurnal Aplikasi*, 3(1): 28-33.
- Suryani, Y. E., Darupratomo., Ratnanik., Kuntum. R. A., Dwi. W. A., Syafira. 2022. Community Participation In Disaster Risk Reduction “Peseduluran Village”. *Social, Humanities, and Education Studies*, 5(4): 295-303.
- Suryanto. 2011. *Aliran Sungai Putih Masih Dipenuhi Material Lahar*. ANTARA, 16 March, Viewed 26 December 2023, (<https://www.antaranews.com/berita/250170/aliran-sungai-putih-masih-dipenuhi-material-lahar>).

- Sürücü, L. and Maslakçı, A. 2020. Validity And Reliability In Quantitative Research, *Business & Management Studies: An International Journal*, 8(3): 2694-2726.
- Sutoyo. 2010. Keanekaragaman Hayati. *Buana Sains*, 10(2): 101-106.
- Syahbudin, A., Alnus, M., Ridla, A. and Wiyono. 2020. Short Communication: The Composition of Undergrowth Vegetation in The Gendol Riverbank, Sleman District, Yogyakarta, Indonesia. *Biodiversitas*, 21(5): 1786-1792.
- Utami, T., Prabang, S., Ismi, D. A. and Suntoro. 2016. Adaptation Management on Climate Change: Study of omen Role in Forest and Land Conservation at The Upstream of Bengawan Solo Watershed. *Proceeding of International Conference on Climate Change*, 1(1): 36-41.
- Widodo D. R., Sutopo, P.N., and Donna, A. 2017. Analisis Penyebab Masyarakat Tetap Tinggal di Kawasan Rawan Bencana Gunung Merapi (Studi di Lereng Gunung Merapi Kecamatan Cangkringan, Kabupaten Sleman Daerah Istimewa Yogyakarta). *Jurnal Ilmu Lingkungan*, 15(12): 135-142.
- Wolka, K., Birhanu, B., Fikadu, G., Firehiyot, G. and Gizaw, D. 2023. Towards Sustainable Watershed-based Landscape Restoration in Degraded Drylands: Perceived Benefits and Innovative Pathways Learnt from Project-based Interventions in Ethiopia. *Journal of Environmental Management*. 335: 117499.
- Wolverton, S., Justin, M. N., Waquar, A. 2014. Ethnobiology, Political Ecology, and Conservation. *Journal of Ethnobiology*, 34(2): 125-152.
- Yudhistira., Wahyu, K. H., Agus, H. 2011. Kajian Dampak Kerusakan Lingkungan Akibat Kegiatan Penambangan Pasir di Desa Keningar Daerah Kawasan Gunung Merapi. *Jurnal Ilmu Lingkungan*, 9(2): 76-84.