

DAFTAR PUSTAKA

- Allan, J.D., 2004. Landscapes and riverscapes: the influence of land use on stream ecosystems. *Annu. Rev. Ecol. Evol. Syst.* 35, 257–284.
- Anggraini, N., Malik, Y., dan Darsihardjo. (2013). the Influence of Sand Mining Against the Environmental Quality in Sukaratu Sub-District Tasikmalaya District, 3(April), 1–14.
- Ansari, T. A., Katpatal, Y. B., and Vasudeo, A. D., 2016. Spatial evaluation of impacts of increase in impervious surface area on SCS-CN and runoff in Nagpur urban watersheds, India. *Arabian Journal of Geosciences*, 9(18).
- Arsyad Sitanala, 2010. *Konservasi Tanah dan Air*. Edisi Kedua, IPB Press. Bogor.
- Asdak, C. (2014). *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press.
- Barnes, R. S. K., and Mann. K. H. 1991. *Fundamentals of Aquatic Ecology*. Hongkong: The University Press.
- Baxter, C.V., Fausch, K.D., Saunders, W.C., 2005. Tangled webs: reciprocal flows of invertebrate prey link stream and riparian zones. *Freshw. Biol.* 50, 201–220.
- BLH., 2016. *Dokumen Informasi Kinerja Pengelolaan Lingkungan Hidup Daerah*. Yogyakarta
- Blume, K.K., J.C. Macedo, A. Meneguezzi, L.B. Silva, D.M. Quevedo, M.A.S. Rodrigues. 2010. Water quality assesment of the Sinos River, Southern Brazil. *Journal of Biology*, 70:1186 – 1193.
- Bonada, N., Resh, V.H., 2013. Mediterranean climate streams and rivers: geographically separated but ecologically comparable freshwater systems. *Hydrobiologia* 719, 1-29.
- BPDAS., 2009. *Statistik dan Informasi Balai Pengelolaan Daerah Aliran Sungai Serayu Opak Progo*. Yogyakarta
- Bruno, D., Belmar, O., Sánchez-Fernández, D., Guareschi, S., Millán, A., dan Velasco, J. (2014). Responses of Mediterranean aquatic and riparian

- communities to human pressures at different spatial scales. *Ecological Indicators*, 45, 456–464.
- Catanese. 1992. *Perencanaan Kota*. Jakarta: Erlangga.
- Charlton, R. (2008). *Fundamentals of Fluvial Geomorphology*. New York: Routledge.
- Ciavola SJ, Jantz CA, Reilly J, Moglen GE (2014) Forecast changes in runoff quality and quantity from urbanization in the Delmarva pen- insula. *J Hydrol Eng* 19(1):1–9
- Cooper, S.D., Lake, P.S., Sabater, S., Melack, J.M., Sabo, J.L., 2013. The effects of land use changes on streams and rivers in Mediterranean climates. *Hydrobiologia* 719, 383-425.
- Cunningham, W.P., and B.W. Saigo. 1999. *Environmental Science: a global concern*. Fifth edition. McGraw-Hill, Boston.
- Darmanto, D., Sudarmadji, Sutikno, dan Maryono, A. (2011). Dampak Lingkungan Pemanfaatan Alur Sungai di Kali Boyong, Kali Kuning dan Kali Gendol. *Jurnal Manusia Dan Lingkungan*.
- Ferreira, V., Elozegi, A., Gulis, V., Pozo, J., Grac, a,M.A.S., 2006a. Eucalyptus plantations affect fungal communities associated with leaf-litter decomposition in Iberian streams. *Arch. Hydrobiol.* 166, 467–490.
- Gebremicael, T.G., Mohamed, Y.A., Betrie, G.D., Zaag, P., Teferi, E., 2013. Trend analysis of runoff and sediment fluxes in the Upper Blue Nile basin: a combined analysis of statistical tests, physically-based models and landuse maps. *Hydrology* 482, 57–68.
- Hastiana, Yetty.,____. *Community Structure of Riparian Community of Sematang Borang River of South Sumatera*. Universitas Muhammadiyah Palembang.
- Hladyz, S., Åbjörnsson, K., Cariss, H., Chauvet, E., Dobson, M., Elozegi, A., Ferreira, V., Fleituch, T., Gessner, M.O., Giller, P.S., Gulis, V., Hutton, S.A., Lacoursiere, J.O., Lamothe, S., Lecerf, A., Malmqvist, B., Mckie, B.G., Nistorescu, M., Preda, E., Riipnen, M.P., R̃is,noveanu, G., Schindler, M., Tiegs, S.D., Vought, L., Woodward, B.-M.G., 2011. Stream ecosystem

- functioning in an agriculture landscape: the importance of terrestrial–aquatic linkages. *Adv. Ecol. Res.* 44, 211–276.
- Indriyanto. 2006. *Ekologi Hutan*. Jakarta: Penerbit Bumi Aksara
- Innis, S.A., Naiman, R.J., Elliott, S.R., 2000. Indicators and assessment methods for measuring the ecological integrity of semi-aquatic terrestrial environments. *Hydrobiologia* 422–423, 111–131.
- Janice PDL, Aghaddir Ali (2016) Gulfnews Environment, <http://gulfnews.com/news/uae/environment/fujairah-reels-under-flash-floods-1.1683735>
- Jinggut, T., Yule, C.M., Boyero, L., 2012. Stream ecosystem integrity is impaired by logging and shifting agriculture in a global megadiversity center (Sarawak Borneo). *Sci. Total Environ.* 437, 83–90.
- Johnson, B.L., Richardson, W.B., and Naimo, T.J. 1995. Past, Present, and Future Concepts in Large River Ecology: How Rivers Function and How Human Activities Influence River Processes. *BioScience* 45 (3): 134–141.
- Jones, E.B.D., Helfman, G.S., Harper, J.O., Bolstad, P.V. 1999. Effects of Riparian Forest Removal on Fish Assemblages in Southern Appalachian Streams. *Conservation Biology* 13 (6):1454–1465.
- Kementerian Pekerjaan Umum Republik Indonesia Unit Data Sumberdaya Air. 2010. *Isu Strategis Lokal Pola PSDA WS Progo-Opak-Serang*.
- Kilic, S., Evrendilek, F., Berberoglu, S., dan Demirkesen, A. C. (2006). Environmental monitoring of land-use and land-cover changes in Mediterranean region of Turkey. *Environmental Monitoring and Assessment*, 114, 157–168.
- Kim J, Harada S, Naito M. Assessment of various water quality preservation scenarios for Lake Biwa: comparison of the effect of water scenario and the carrying capacity of Lake Biwa. *Water Environ Res* 2001;24:837–43 [in Japanese with English abstract].
- Kristanto, P. 2002. *Ekologi Industri*. Penerbit ANDI. Yogyakarta.
- Kroll, S.A., Ringler, N.H., De las Heras, J., Gómez-Alday, J.J., Moratalla, A., Briggs, R.D., 2013. Analysis of anthropogenic pressures in the Segura

- Watershed (SE Spain), with a focus on inter-basin transfer. *Ecohydrology* 6, 878–888.
- Leatemia, M.; Silahooy Ch., dan Jacob A., 2013, Analisis Dampak Penimbunan Limbah Ela Sagu Terhadap Kualitas air Sungai di Sekitar Lokasi Pengolahan Sagu di Desa Waisamu Kecamatan Kairatu Kabupaten Seram Bagian Barat, *Jurnal Budidaya Perairan*, vol 9 no 2, 86-91.
- LongShan, Z, 2014, Soil surface roughness change and its effect on runoff and erosion on the Loess Plateau of China. *J, Arid Land* 6(4):400-409
- Malingreau, Jean Paul. 1977. *Apropose Land Cover/ Land use Classification and its use With remote Sensing Data In Indonesia*. The Indonesian journal of Geography, No.33, Vol 7 Yogyakarta: Fakultas Geografi UGM
- Maryono, A. 2005. *Menangani Banjir, Kekeringan dan Lingkungan*. Yogyakarta: Gadjah Mada University Press.
- Maryono, A. (2009). *Kajian Lebar Sempadan Sungai (Studi Kasus Sungai-Sungai di Provinsi Daerah Istimewa Yogyakarta) A Study Of Stream buffer Width (Case Study of Rivers in Daerah Istimewa Yogyakarta Province)*. *Dinamika TEKNIK SIPIL*, vol 9 nomo(Januari), 55–66.
- Masnang, A., Sinukaban, N., Sudarsono, dan Gintings, N. (2014). *Study of Run-off and Erosion Rate on Various Land Use in The Upper Jenneberang Sub Watershed*. *Jurnal Agroteknos*, 4(1), 32–37.
- McCuen, R.H., 1989 : *Hydrologic Analysis And Design*, Prentice-Hall, Inc., Upper Saddle River, New jersey.
- Mitsch, W.J. and Gosselink, J.G. 1993. *Wetlands*. Ed. ke-2. New York: Van Nostrand Reinhold.
- Moreno de las Heras M, J,M, Nicolau, L, Merino- Martin, dan B,P, Wilcox, 2010, Plot-scale effects on runoff and erosion along a slope degradation gradient, *Water Resources Research* 46(4):4503,
- Naiman, R.J., De Camps, H., and Mc Clain, M.E. 2005. *Riparia: Ecology, Conservation, and Management of Streamide Communities*. Amsterdam: Elsevier Academic Press.

- Ohkubo T, Azuma Y. Load of turbid from the watershed of Lake Biwa and its effect on the lake water quality. Memorial Volume of the Lake Biwa Research Institute; 2005. p. 55– 72. [in Japanese].
- Palmer, M.A., Filoso, S., 2009. Restoration of ecosystem services for environmental markets. *Science* 325, 575–576
- Pemerintah Republik Indonesia. Peraturan Pemerintah Nomor 38. 2011. Tentang Sungai
- Pemerintah Republik Indonesia. Peraturan Menteri Pekerjaan Umum Nomor 28. 2015. Tentang Penetapan Garis Sempadan Sungai dan Garis Sempadan Danau.
- Perda D.I.Y., No 2, 2010, Peraturan Daerah No 2 Tahun 2010 tentang Rencana Tata Ruang Wilayah, Yogyakarta.
- Prayogo, T. B. (2015). Analisis Kualitas Air Dan Strategi Pengendalian Pencemaran Air Sungai Metro di Kota Kepanjen Kabupaten Malang. *Journal PAL*, 6(2), 105–114.
- Poff, N., Allan, J., Bain, M., Karr, J., Prestegard, K., Richter, B., Sparks, R., Stromberg, J., 1997. The natural flow regime: a paradigm for river conservation and restoration. *Bioscience* 47, 769–784.
- Sari, R. N., Istirokhatun, T., dan Sudarno. (2003). Analisis Penentuan Kualitas Air Dan Status Mutu.
- Sabater, F., Butturini, A., Martí, E., Muñoz, I., Romaní, A., Wray, J., Sabater, S., 2000. Effects of riparian vegetation removal on nutrient retention in a Mediterranean stream. *J. N. Am. Benthol. Soc.* 19, 609–620.
- Salmin. 2005. “Oksigen Terlarut (DO) dan Kebutuhan Oksigen Biologi (BOD) sebagai Salah Satu Indikator Untuk Menentukan Kualitas Perairan”. *Jurnal Oseana*, 30. 21-26
- Saunders, D.L., Meeuwig, J.J., Vincent, A.C.J., 2002. Freshwater protected areas: strategies for conservation. *Conserv. Biol.* 16, 30–41.
- Semiun, Gradict Chatarina dkk, Degradation of Riparian Tree Diversity on Spring Fed Drains and Its Impacts to Water Quality, East Java. *The Journal Of Tropical Life Science*. VOL. 3, NO. 2, pp. 120 – 126, June, 2013

- Setyowati, R. D. N. (2005). Studi Literatur Pengaruh Penggunaan Lahan Terhadap Kualitas Air. Rr Diah Nugraheni Setyowati 2, 12(1), 7–15.
- Siahaan, R., dan Ai, N. S. (2014). Jenis-Jenis Vegetasi Riparian, 1, 7–12.
- Silva-Junior, E.F., Moulton, T.P., Boëchat, I.G., Gücker, B., 2014. Leaf decomposition and ecosystem metabolism as functional indicators of land use impacts on tropical streams. *Ecol. Indic.* 36, 195–204.
- Soewandita, H. (2017). Studi Ekologi Lahan Koridor Sungai Dan Status Study of Land Ecology of River Corridor and Land Use Quality Status in the Rawapening, 1(1).
- Suprayogi, S., Suyono, dan ‘Ulya, A.F. (2014) “Konsep Pembangunan Berkelanjutan dalam Pengelolaan Daerah Aliran Sungai (DAS) Terpadu,” dalam Suprayogi dkk. (ed.) *Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press, hal 41-75.
- Suriawiria, Unus. 2003. *Air dalam Kehidupan dan Lingkungan yang Sehat*. Penerbit Alumni. Bandung
- Suribabu CR, Bhaskar J (2015) Evaluation of urban growth effects on surface runoff using SCS-CN method and green-Ampt infiltration model. *Journal of Earth Sci Inform* 8:609–626
- Sutarmi. 2014. Kepala Bidang Penambangan Umum Disperindag ESDM Kulon Progo di <https://jogja.antaranews.com/berita/320067/disperindag-esdm-awasi-penambangan-pasir-sungai-progo> (diakses 15 Maret)
- Sutriati, A. 2011. “Penilaian Kualitas Air Sungai dan Potensi Pemanfaatannya (Studi Kasus Sungai Cimanuk)”. *Jurnal Sumber Daya Air*, 7. 61-76.
- Tourbier, J.T. 1994. Open Space through Stormwater Management. *J Soil and Water Cons* 49 (1):14-21.
- Utomo Muhajir, et al .1992. *Pembangunan dan Pengendalian Alih Fungsi Lahan*. Universitas Lampung . Bandar Lampung.
- UU Lingkungan Hidup Tahun 1982.
- UU No. 7 Tahun 2004 tentang Sumber Daya Air.

- Verhoeven, J.T.A., Arheimer, B., Yin, C., Hefting, M.M., 2006. Regional and global concerns over wetlands and water quality. *Trends in Ecology and Evolution* 21, 96–103.
- Vorosmarty, C.J., McIntyre, P.B., Gessner, M.O., Dudgeon, D., Prusevich, A., dkk, 2010. Global threats to human water security and river biodiversity. *Nature* 467, 555–561.
- Wanielista, Martin dkk. 1997. *Hydrology : Water Quantity and Quality Control* Second Edition. Canada : John Wiley and Sons, Inc.
- Wantzen, K.M., Rothhaupt, K.-O., Moertl, M., Cantonati, M., La'szlo', G., Fischer, P., 2008. Ecological Effects of Water-Level Fluctuations in Lakes: An Urgent Issue, *Developments in Hydrobiology* 204. Springer.
- Ward, J.V., Tockner, K., Arscott, D.B., Claret, C., 2002. Riverine landscape diversity. *Freshw. Biol.* 47, 517–539.
- Xiao, J. Y., Shen, Y. J., Ge, J. F., Tateishi, R., Tang, C. Y., Liang, Y. Q., et al. (2006). Evaluating urban expansion and land use change in Shijiazhuang, China, by using GIS and remote sensing. *Landscape and Urban Planning*, 75, 69–80.