

DAFTAR PUSTAKA

- Adnyano, AI. 2016. Penentuan Nilai Mutu Air Permukaan Pada Lahan Pasca Tambang Rakyat Kabupaten Katingan Provinsi Kalimantan Tengah. *KURVATEK* Vol.1 . No. 2, November 2016, pp.73-79 ISSN: 2477-7870.
- Anonim. 2011. *Analisis Dampak Lingkungan (ANDAL) PT Adaro Indonesia*.
- Anonim. 2012. *Dokumen Rencana Pascatambang PT Adaro Indonesia*.
- Anonim. 2018. *Adendum Analisis Dampak Lingkungan (ANDAL) PT Adaro Indonesia*.
- Asdak, C. 1995. *Hidrologi dan Pengeolaan Daerah Aliran Sungai*. Gajah Mada University Press, Yogyakarta
- Azwir. 2006. Analisa Pencemaran Air Sungai Tapung Kiri oleh Limbah Industri Kelapa Sawit PT. Peputra Masterindo di Kabupaten Kampar. *Tesis*. Semarang: Program Magister Ilmu Lingkungan Program Pasca Sarjana Undip Semarang.
- Barroso, GF., M. A. Goncalves, dan F. C. Garcia. 2014. The Morphometry of Lake Palmas, a Deep Natural Lake in Brazil. *Plos One* 9(11):1–13.
- Boehrer, B dan Martin Schultze. 2008. Stratification Of Lakes. *Reviews of Geophysics*, 46, RG2005 / 2008 1 of 27. Paper number 2006RG000210
- Bhattacharya, J. Islam, M., dan Cheong, Y.W. 2006. Microbial growth and action: implications for passive bioremediation of acid mine drainage. *Mine Water Environ.* 25 (4), 233-240.
- Blaney, H. F. dan Criddle, W. D. 1950. *Determining Water Requirements in Irrigated Area from Climatological Irrigation Data*. US Department of Agriculture, SoilConservation Service, Tech. Pap. No. 96, 48 pp
- Blowes, D. W., C. Ptacek, S. G. Benner, C. W. T. McRae, T. A. Bennett, dan R. W. Puls. 2000. Treatment of inorganic contaminants using permeable reactive barriers, *J. Contam. Hydrol.* 45, 123-137.
- Budiarti A, Kusreni, dan Musinah A. 2010. Analisis Kandungan Logam Berat timbal (Pb), dan Kadnium (Cd) dalam udang putih (*Litopenaecus vannamei*). *Prosiding Seminar Nasional Sains dan Teknologi*. Fakultas Farmasi. Universitas Wahid Hasyim Semarang.
- Bwapwa, JK, AT Jaiyeola, dan R Chetty. 2017. Bioremediation of Acid mine drainage using algae strains: A riview South African. *Journal of Chemical Engeneering*, (24), 62-70.

- Castro, J. M., dan J. N. Moore. 2000. Pit lakes: their characteristics and the potential for their remediation. *Environ. Geol.* 39, 1254-1260.
- Castendyk, D.N., dan Eary, T. 2009. The Nature and Global Distribution of Pit Lakes. In, Castendyk, D.; Eary, T. & Park, B. (eds.) *Society for Mining Engineering (SME)*, Kentucky, USA, 1-11pp.
- Castendyk, D.N., L.S. Balistrieri., C. Gammons dan N. Tucci. 2014. Modeling and management of pit lake water chemistry 2: Case studies. *Applied Geochemistry*. journal homepage: www.elsevier.com/locate/apgeochem.
- Chandra, S., A. Singh dan P. K. Tomar. 2012. Assessment of Water Quality Values in Porur Lake Chennai Hussain Sagar Hyderabad and Vihar Lake Mumbai India. *Chemical Science Transactions*. 1(3). ISSN: 2278-3458/2278-3318
- Cole, G. A. 1983. *Textbook of limnology*. Third Edition. Waveland Press, Inc.USA.
- Doorebos, J., dan W.O. Pruitt. 1977. *Guidelines for predicting crop water requirements. Irrig. and Drain.* Paper 24, Food and Agriculture Organization of the United Nations (FAO), Rome, Italy
- Doupé, R.G., dan Lymbery, A.J. 2005. Environmental risks associated with beneficial end uses of mine lakes in southwestern Australia. *Mine Water and the Environment*, Vol. 24(3), pp. 134–138.
- Effendi, H. 2003. *Telaah Kualitas Air Bagi Pengelolaan Sumberdaya Lingkungan Perairan*. Penerbit Kanisius, Yogyakarta.
- Effendi, H., Enan M. Adiwilaga., dan Agustina Sinuhaji. 2011. Pengaruh Percampuran Air Terhadap Oksigen Terlarut Di Sekitar Karamba Jaring Apung, Waduk Cirata, Purwakarta, Jawa Barat. *Ecolab*. vol. 6 No 1 Januari 2012 :1-60.
- Gammons, CH., T. dan Duaine. 2006. Long Term Changes in the Limnology and Geochemistry of the Berkeley Pit Lake, Butte, Montana. *Mine Water and the Environment* 25, 76-85. IMWA Springer-Verlag 2006
- Geller W, Schultze M, Kleinmann RLP, dan Wolkersdorfer C. 2013. Acidic Pit Lakes - Legacies of surface mining on coal and metal ores. *Springer*. Berlin, Germany.
- Guest, R. 2017. *Literature Review Of Global Pit Lakes Pit Lake – Case Studies*. Golder associates
- Gunawan, A., Yuliadi, dan Dudi N.A.,. 2015. Studi Hidrologi Dan Hidrogeologi Untuk Rencana Penambangan Batubara Pt Pacific Global Utama, Kecamatan Tanjung Agung, Kabupaten Muara Enim, Sumatera Selatan. *Prosiding SPeSIA*. Vol 1 No 1.
- Haase, D., Gross, M., Wendt-Potthoff, K. dan Schultze, M. 2009. Deep impact: coping with the consequences of reshaping our landscapes exemplified at

- Open cast mining. *Proceedings of the 8th International Conference on Acid Rock Drainage (ICARD)*. Skellefteå, Sweden. 1-5pp.
- Hadiani, R., Suyanto, dan Yosephina P., 2015. Rainfall-Discharge Simulation in Bah Bolon Catchment Area by Mock Method, Nreca Method, and Gr2m Method. *Applied Mechanics and Materials*. ISSN: 1662-7482, Vol. 845, pp 24-29. <https://doi.org/10.4028/www.scientific.net/AMM.845.24>.
- Hakanson, L., 1981. *A Manual of Lake Morphometry*. Springer.
- Hakanson, L. 2005. The Importance of Lake Morphometry and Catchment Characteristic in Limnology – Rangking Based on Statistical Analyses. *Hydrobiologia* 541:117–137.
- Hamuna B., Tanjung R. HR., Suwito, Maury, HK dan Alianto. 2018. Kajian Kualitas Air Laut dan Indeks Pencemaran Berdasarkan Parameter Fisika-Kimia Di Perairan Distrik Depapre, Jayapura. *Jurnal Ilmu Lingkungan*. Volume 16 Issue 1 (2018) : 35-43. ISSN 1829-8907.
- Hartanto, P. 2017. Perhitungan Neraca Air Das Cidanau Menggunakan Metode Thornthwaite. *Ris.Geo.Tam* Vol. 27, No.2, Desember 2017 (213-225). ISSN 0125-9849, e-ISSN 2354-6638
- Hartini, E. 2017. *Modul Hidrologi & Hidrolika Terapan*. Fakultas Kesehatan Program Studi Kesehatan Lingkungan Universitas Dian Nuswantoro Semarang.
- Holzbecher, E, G. Nützman, G. dan Ginzel. 1999. Water and component mass balances in the catchment of Lake Stechlin. *Proceedings of IUGG 99 Symposium HS4*, Birmingham, July 1999. IAHS Publ. no. 258, 1999.
- ILRI, 1974. *Drainage Principles and Applications*. Wageningen, (The Netherlands).
- Indrayani, E., K. H. Nitimulyo, S. Hadisusanto, dan Rustadi. 2015. Peta batimetri Danau Sentani Papua. *Depik* 4(3):116–120.
- Iriadenta, E. 2016. Kajian strategi pengelolaan dan revitalisasi pemanfaatan sumberdaya perairan void reklamasi tambang/eks penambangan batubara PD. Baramarta Kabupaten Banjar Berbasis Pemberdayaan Masyarakat. *Laporan Penelitian*. Universitas Lambung Mangkurat : Banjarbaru.
- Keputusan Menteri Lingkungan hidup No 115 Tahun 2003 Tentang Pedoman Penentuan Status Mutu Air.
- Koc J., Cieško C., Janicka R., dan Rochwerger A. 1996. Factors determining mineral forms of nitrogen in the waters of agricultural areas. *Zeszyty Problemowe Postępów Nauk Rolniczych*, 440, 175–183 (in Polish).
- Labu, K. dan Sylwia Lutyńska. 2017. Kinetic models of AMD in the area of post-mining lakes in the eastern part of Muskau Arch. *Procedia Earth and Planetary Science* Vol 17 Hal 948.

- Limantara, LM. 2012. Reliability Performance Of Tambak Pocok Small Dam, Bangkalan Of Indonesia. *Asian Journal Of Natural & Applied Sciences*. ISSN: 2186-8476, ISSN: 2186-8468 Print Vol. 1. No. 2. June 2012.
- Maidie, A., Udayana D., Isriansyah., Almady IF., Susanto A., Sukarti K., Sulistiawaty, Manege I., dan Tular E. 2010. Pemanfaatan Kolam Pengendap Tambang Batubara untuk Budidaya Ikan Lokal dalam Keramba. *J. Ris. Akuakultur*. 5(3), 437-448.
- Martin, AJ, Colin Fraser, dan Donald Dunbar. 2015. Modelling of pit lake filling scenarios using a coupled physical and biogeochemical model. *Proceedings Tailings and Mine Waste 2015 Vancouver, BC, October 26 to 28, 2015*
- Martin, A. J., J. Crusius, J. J. McNee, P. Whittle, R. Pieters, T. F. Pedersen, dan D. Dunbar. 2003. Field-Scale Assessment of Bioremediation Strategies for two Pit Lakes using Limnocorrals. *International Conference on Acid Rock Drainage*, Cairns, Australia, July 2003.
- McCullough, CD, M. Müller, K. Eulitz, dan M.A. Lund. 2011. Modelling a pit lake district to plan for abstraction regime changes. *Proceeding Australian Centre for Geomechanics*, Perth, ISBN 978-0-9870937-1-4
- McCullough, CD,. dan Mark A.Lund. 2010. Mine Voids Management Strategy (IV): Conceptual Models of Collie Basin Pit Lakes Mine Water and Environment Research/Centre for Ecosystem Management Report No. 2010-12. Department of Water (Western Australia)
- McCullough, C.D. dan Mark A.Lund. 2006. Opportunities for sustainable mining pit lakes in Australia. *Mine Water and the Environment*. Vol. 25(4), pp. 220–226.
- McCullough CD, Marchand G, dan Unseld J. 2013. Mine closure of pit lakes as terminal sinks: best available practice when options are limited?. *Mine Water and the Environment* 32: 302-313.
- McCullough, C.D., Hunt, D. dan Evans, L.H. 2009. Sustainable development of open pit mines: creating beneficial end uses for pit lakes, Mine Pit Lakes: Characteristics, Predictive Modeling, and Sustainability. D. Castendyk, T. Eary, B. Park (eds), *Society for Mining Engineering (SME)*, Kentucky, USA, pp. 249–268,
- McCullough CD, dan Schultze M. 2015. Riverine flow-through of mine pit lakes: improving both mine pit lake and river water quality values? *Proceedings of the joint International Conference on Acid Rock Drainage ICARD/International Mine Water Association IMWA Congress*. Santiago, Chile. 1903-1912pp.
- Miller, D.J., Semmens, K.J., Viadero Jr., R.C., dan Tierney, A.E. 2004. The resource potential of mining discharge water for aquaculture. *World Aquaculture*, 35: 57-59.

- Mock, F.J., 1973. *Land Capability Appraisal Indonesia : Water Availability Appraisal*. Basic Study Prepared for the FAO/UNDP Land Capability Appraisal Project, AGL : SF/INS/72/011 Basic Study I. Bogor: UNDP-FAO Of The United Nations.
- Mori. S., Jun-Ichi Hamada, Manabu D. Yamanaka, Yasu-Masa Kodama, Masayuki Kawashima, Toyoshi Shimomai, Yoshiaki Shibagaki, Hiroyuki Hashiguchi dan Tien Sribimawati, 2006, Vertical Wind Characteristics In Precipitating Cloud Systems Over West Sumatera, Indonesia, Observed With Equatorial Atmosphere Radar: Case Study Of 23-24 April 2004 During The First Cpea Campaign Period, *Journal Of The Meteorological Society Of Japan*, Vol. 84a, Pp. 113--131
- Muhtadi, A., Yunasfi., M. Ma'rufi., dan A. Rizki . 2017. Morfometri dan Daya Tampung Beban Pencemaran Danau Pondok Lapan di Kabupaten Langkat, Sumatra Utara. *Oseanologi dan Limnologi di Indonesia* 2017 2(2): 49–63. ISSN : 2477-328X
- Murhartadi E.S. 2015. Morfometri dan Potensi Sumberdaya Air Danau Laukawar. *Jurnal Bumi Indonesia* Vol 4 No 4 tahun 2015.
- Nemerow, N.L., dan Sumitomo, H. 1970. Benefits of Water Quality Enhancement. *Report No, 16110 DAJ*. prepared for the U.S. Environmental Protection Agency.
- Niccoli WL. 2009. Hydrologic characteristics and classifications of pit lakes. In, Mine Pit Lakes: Characteristics, Predictive Modeling, and Sustainability Chap. *Society for Mining, Metallurgy, and Exploration (SME)*, Colorado, USA, 33-43pp
- Omwene. P.I., Mehmet Salim Oncel, Meltem Çelen dan Mehmet Kobya. 2018. Heavy metal pollution and spatial distribution in surface sediments of Mustafakemalpas, a stream located in the world's largest borate basin (Turkey). *Chemosphere*. journal homepage: www.elsevier.com/locate/chemosphere.
- Pagoray H., dan Ghitarina. 2016. Characteristics of Water Quality of Coal Post-Mining Pool Which Used for Fish Cultivation. *ZIRAA'AH*, 41(2), 276-284.
- Paulo J.C. Favas, Louis E. Martino dan Majeti N.V. Prasad. 2018. Abandoned Mine Land Reclamation - Challenges And Opportunities (Holistic Approach). *Bio-Geotechnologies for Mine Site Rehabilitation*. <http://dx.doi.org/10.1016/B978-0-12-812986-9.00001-4>
- Penman, H.L. 1948. Natural Evaporation From Open Water, Bare Soil And Grass. *Proc. R. Soc. London, Ser. A*, 193: 120–146.
- Peraturan Pemerintah Republik Indonesia Nomor 82 Tahun 2001 Tentang Pengelolaan Kualitas Air Dan Pengendalian Pencemaran Air

- Pratiwi, N. T. M., E. M. Adiwilaga, J. Basmi, M. Krisanti, O. Hadijah, dan P. K. Wulandari. 2007. Status Limnologi Situ Cilala Mengacu pada Kondisi Parameter Fisika, Kimia dan Biologi Perairan. *Jurnal Perikanan* 9(1):82–94.
- R&D Mine Rahabilitation and Mine Closure Section QHSE Compliance Department PT Adaro Indonesia. 2018. *Pemanfaatan Air Kolam Bekas Tambang Batubara Untuk Pengembangan Ikan Air Tawar*.
- Ridoan. R., Ahmad Muhtadi., dan Pindi Patana. 2016. Morfometri Danau Kelapa Gading Kota Kisaran, Kabupaten Asahan Provinsi Sumatera Utara. *Depik*, 5(2): 77-84. ISSN Cetak: 2089-7790. ISSN Elektronik: 2502-6194
- Rinaldi, A. 2015. Modul Perhitungan Neraca Air “ Studi Kasus Kota Cirebon ”. Program Magister Teknik Airtanah Fakultas Ilmu dan Teknologi Kebumihan (FITB) Institut Teknologi Bandung
- Sachro., S.S., Sugiyanto., dan Budienny H. 2013. Perkiraan Koefisien-koefisien Karakteristik Daerah Aliran Sungai Krengseng untuk Membangun Kurva-Durasi Debit. *Jurnal Media Komunikasi Teknik Sipil*. Volume 19, No 1, Juli 2013
- Said, N.I. 2014. Teknologi Pengolahan Air Asam Tambang Batubara “Alternatif Pemilihan Teknologi”. *Jurnal Air Indonesia* Vol.7 No. 2, 2014. ISSN 0216-4140
- Santoso, AD. 2018. Keragaan Nilai DO, BOD dan COD di Danau Bekas Tambang Batu bara. *Jurnal Teknologi Lingkungan* Vol. 19, No 1 Hal 89-96.
- Sarwono, J. 2006. Metode penelitian kuantitatif & kualitatif . Yogyakarta : Graha Ilmu
- Sihotang. H., M. Yanuar J. Purwanto, Widiatmaka, dan Sambas Basuni. 2012. Model Konservasi Sumberdaya Air Danau Toba. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan* Vol. 2 No. 2 (Desember 2012): 65-72
- Snedecor, G.W., dan Cochran, W.G., 1989. *Statistical Methods*, 8th edn. Iowa State University Press, Ames, IA.
- SNI 6989.57. 2008. Air dan air limbah – Bagian 57: Metoda pengambilan contoh air permukaan
- Soeprbowati, T. R. 2012. Peta Batimetri Rawa Pening. *Bioma* 14(2):75–78.
- Soltani N, Moore F, Keshavarzi B, dan Sharifi R. 2014. Geochemistry of trace metals and rare earth elements in stream water, stream sediments and acid mine drainage from Darrehzar Copper Mine, Kerman, Iran. *Water Qual Expo Health* 6:97–114.
- Soni, AK, Mishra, dan Singh. 2014. Pit lakes as an end use of mining: A review. *Journal of Mining & Environment*, Vol.5, No.2, 2014, 99-111.

- Stefanidis, K dan Eva Papastergiadou. 2012. Relationships Between Lake Morphometry, Water Quality, And Aquatic Macrophytes, In Greek Lakes. *Fresenius Environmental Bulletin*. Volume 21 – No 10a.
- Straskraba, M., dan J. G. Tundisi. 1999. Guidelines of Lake Management Volume 9, Management of Inland Saline Water. *International Lake Environment Committee Foundation*. Shiga, Jepang: 29–34.
- Sugiyono. 2005. *Metode Penelitian Bisnis*. Alfabeta. Bandung
- Suryono, T., dan Lukman. 2018. Karakteristik Beberapa Parameter Trofik Perairan Kompleks Danau Malili, Sulawesi Selatan. *LIMNOTEK Perairan darat Tropis di Indonesia* 2018 25(2): 46.57
- Szatyłowicz, E., Matulewicz, D. dan Skoczko, I. 2015. Assessment Of Susceptibility To Degradation By Schindler Factor Of Selected Reservoirs In Podlaskie – Part I. *Journal of Ecological Engineering*. Volume 16, Issue 4, Oct. 2015, pages 81–88. DOI: 10.12911/22998993/59353
- Szoszka H., Kolada A., Gołub M., dan Cydzik M. 2007. The Water Framework Directive in Poland – typology of lakes. establishing reference conditions, methods of assessment and classification on the basis of biological elements – Part 2. 20 March, p. 5 (in Polish).
- Thornthwaite, C. W. 1948. An Approach Toward a Rational Classification of Climate. *Geog. Review* 38. 55–94
- Tomlinson, D.C., Wilson, J.G., Harris, C.R., dan Jeffery, D.W., 1980. Problems in the Assessment of Heavy Metals Levels in Estuaries and the Formation of a Pollution Index. *Helgoländer Wissenschaftliche Meeresuntersuch* 33, 566e575.
- Tresnadi, H. 2008. Pengelolaan Air Asam Tambang Di Pit 1 Bangko Barat, Tanjung Enim Sumatera Selatan. *Jurnal Teknik Lingkungan* Vol. 9 No. 3 Hal. 314-319. ISSN 1441-318X
- Turc, L. 1961. Estimation of Irrigation Water Requirements, Potential Evapotranspiration : A Simple Climatic Formula Evolved Up to Date. *Ann. Agronomy* 12, 13–49.
- Vandenberg, J, Clint McCullough, dan Castendyk, D. 2015. Key issues in Mine Closure Planning Related to Pit Lakes. *International Conference On Acid Rock Drainage & IMWA Annual Conference*.
- Wetzel, R. G. 2001. *Limnology Lake and River Ecosystems*. Academic Press. California.
- Wetzel, R. G., dan G. E. Likens. 2000. *Limnological Analysis*. 3rd edition. *Springer Science Business Media New York*.
- Widowati, W., Astiana S. dan Raymond J.R. 2008. *Efek Toksik Logam, Pencegahan dan Penanggulangan Pencemaran*. ANDI, Yogyakarta.

Yudo, S. 2010. Kondisi kualitas air Sungai Ciliwung di Wilayah DKI Jakarta ditinjau dari parameter organik, amoniak, fosfat, deterjen dan bakteri coli. *Jurnal Akuakultur Indonesia*, 6(1), 34-42.