

DAFTAR PUSTAKA

- Ambrose, R.B. and Wool, T.A. 2017. *WASP8 Stream Transport-Model Theory and User's Guide, Supplement to Water Quality Analysis Simulation Program (WASP) User Documentation*. Washington: US Environmental Protection Agency
- Andesgur, I., Suprayogi, I., dan Handrianti, P. 2018. Analisis Daya Tampung Beban Pencemaran Air Sungai menggunakan Pendekatan *Water Quality Analysis Simulation Program (WASP) 7.3* (DAS Siak Bagian Hilir Kabupaten Siak). *Jurnal Sains dan Teknologi*, 17 (1), 23-32
- Aldrian, E., M. Karmini, dan Budiman. 2011. *Adaptasi dan Mitigasi Perubahan Iklim di Indonesia*. Jakarta: Pusat Perubahan Iklim dan Kualitas Udara, BMKG
- Arbie, R.R., W.D. Nugraha, dan Sudarno. 2015. Studi Kemampuan *Self Purification* pada Sungai Progo Ditinjau dari Parameter Organik DO dan BOD (*Point Source*: Limbah Sentra Tahu Desa Tuksono, Kecamatan Sentolo, Kabupaten Kulon Progo, Provinsi D.I. Yogyakarta). *Jurnal Teknik Lingkungan*, 4 (3), 1-15
- Arnell, N.W., Halliday, S.J., Battarbae, R.W., Skeffington, R.A., and Wade, A.J. 2015. The Implications of Climate Change for the Water Environment in England. *Progress in Physical Geography*, 39 (1), 93-120
- Asian Development Bank. 2016. *Indonesia, Country Water Assessment*. Manila: ADB Avenue
- Badan Pusat Statistik. 2021. *Tingkat Penghunian Kamar Hotel Daerah Istimewa Yogyakarta 2020*. Yogyakarta: Badan Pusat Statistik Daerah Istimewa Yogyakarta
- Badrus, Z. dan Syafrudin. 2007. Model Numerik 2-D (Lateral dan Longitudinal) Sebaran Polutan Cadmium (Cd) di Muara Sungai (Studi Kasus: Muara Sungai Babon, Semarang). *Jurnal Presipitasi*, 3, 1-8
- Black, P.E. 1996. *Watershed Hydrology: Second Edition*. Florida: CRC Press
- Camara, M., N.R. Jamil, and A.F.B. Abdullah. 2019. Impact of Land Uses on Water Quality in Malaysia: A Review. *Ecological Processes*, 8 (10)
- Darsono, V. 2013. *Panduan Pengelolaan Green Industry*. Yogyakarta: Cahaya Atma Pustaka
- Diansyukma, A., Saraswati, S.P., dan Yuliansyah A.T. 2021. Analysis of the Carrying Capacity and the Total Maximum Daily Loads of the Karang Mumus Sub-watershed in Samarinda City Using the WASP Method. *Journal of the Civil Engineering Forum*, 7 (2), 209-222

- Duan, L., Song, J., Xu, Y., Li, X., and Zhang, Y. (2010). The Distribution, Enrichment and Source of Potential Harmful Elements in Surface Sediments of Bohai Bay, North China. *Journal of Hazardous Materials*, 183 (1), 155-164
- Effendi, H. 2012. *Telaah Kualitas Air Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Yogyakarta: Kanisius
- Elshorbagy, A., Teegavarapu, R.S.V., and Ormsbee, L. 2005. Total Maximum Daily Load (TMDL) Approach to Surface Water Quality Management: Concepts, Issues, And Applications. *Can. J. Civ. Eng.*, 32, 442-448
- Fan, C., Chen, K.H., and Huang, Y.Z. 2021. Model-Based Carrying Capacity Investigation and Its Application to Total Maximum Daily Load (TMDL) Establishment for River Water Quality Management: A Case Study in Taiwan. *Journal of Cleaner Production*, 291, 1-9
- Firmansyah, Y.W., Setiani, O., dan Darundiati, Y.H. 2021. Kondisi Sungai di Indonesia Ditinjau dari Daya Tampung Beban Pencemaran: Studi Literatur. *Serambi Engineering*, VI (2), 1879-1890
- Gao, L. and Li, D. 2014. A Review of Hydrological/Water-Quality Models. *Front. Agr. Sci. Eng.*, 1 (4), 267-276
- Hindriani, H., Sapei, A., Suprihatin, dan Machfud. 2013. Identifikasi Daya Tampung Beban Pencemaran Sungai Ciujung dengan Model WASP dan Strategi Pengendaliannya. *Jurnal Bumi Lestari*, 13 (2), 275-287
- Husein, S. dan Srijono. Peta Geomorfologi Daerah Istimewa Yogyakarta. *Simposium Geologi Yogyakarta*, 23 Maret 2010
- Hutagaol, R.R. 2019. *Pengaruh Hutan dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Deepublish
- Indarto. 2016. *Hidrologi: Metode Analisis dan Tool untuk Interpretasi Hidrograf Aliran Sungai*. Jakarta: Bumi Aksara
- Jouanneau, S., L. Recoules, M.J. Durand, A. Boukabache, V. Picot, Y. Primault, A. Lakel, M. Sengelin, B. Barillon, and G. Thouand. 2014. Methods for Assessing Biochemical Oxygen Demand (BOD): A Review. *Water Research*, 49, 62-82
- Jumaidi, A., H. Yulianto, dan E. Efendi. 2016. Pengaruh Debit Air terhadap Perbaikan Kualitas Air pada Sistem Resirkulasi dan Hubungannya dengan Sintasan dan Pertumbuhan Benih Ikan Gurame (*Oshpronemus gourami*). *e-Jurnal Rekayasa dan Teknologi Budidaya Perairan*, V (1), 587-596
- Kartasapoetra, A.G. 2004. *Klimatologi: Pengaruh Iklim terhadap Tanah dan Tanaman*. Jakarta: Bumi Aksara

- Khan, A.U., Jiang, J., Wang, P., and Zheng, Y. 2017. Influence of Watershed Topographic and Socio-Economic Attributes on the Climate Sensitivity of Global River Water Quality. *Environmental Research Letters*, 12, 1-10
- Kementerian Lingkungan Hidup dan Kehutanan. 2016. *Penerapan Perencanaan Pengelolaan DAS Barito*. Balikpapan: KLHK
- Kementerian Lingkungan Hidup dan Kehutanan. 2017. *Buku Kajian Daya Tampung dan Alokasi Beban Pencemaran Sungai Citarum*. Jakarta: KLHK
- Keputusan Menteri Negara Lingkungan Hidup Nomor 110 Tahun 2003 tentang Pedoman Penetapan Daya Tampung Beban Pencemaran Air pada Sumber Air
- Lei, K., G. Zhou, F. Guo, S. Khu, G. Mao, J. Peng, and Q. Liu. 2015. Simulation-optimization Method Based on Rationality Evaluation for Waste Load Allocation in Daliao River. *Environ Earth Sci*, 73, 5193-5209
- Marsudi, S. dan R.D. Lufira. 2021. *Morfologi Sungai*. Magetan: CV. AE Media Grafika
- Martin, M.B.G. 2005. Weather, Climate, and Tourism: A Geographical Perspective. *Annals of Tourism Research*, 32 (3), 571-591
- Meeker, W.Q. and L.A. Escobar. 1998. *Statistical Methods for Reliability Data*. New York: A. Wiley Interscience Publications
- Mohamed, M. 2008. Water Quality Models in River Management. *Proceedings of the 1st Technical Meeting of Muslim Water Researchers Cooperation (MUWAREQ)*. Hal: 14-26
- Natural Resources Defense Council. 2018. *Water Pollution: Everything You Need to Know*. Tersedia dalam: <https://www.nrdc.org/stories/water-pollution-everything-you-need-know>. [Diakses 3 September 2021]
- Nugraha, W. dan Cahyorini, L. 2007. Identifikasi Daya Tampung Beban Cemar BOD Sungai dengan Model QUAL2E (Studi Kasus Sungai Gung, Tegal, Jawa Tengah). *Jurnal Presipitasi*, 3 (2), 93-101
- Osmi, S.A.C., Ishak, W.F.W., Azman, M.A., Ismail, A.S., and Samah, N.A. 2018. Development of Water Quality Modelling Using InfoWork River Simulation in Malacca River, Malaysia and Contribution Towards Total Maximum Daily Load Approach. *IOP Conf. Ser.: Earth Environ. Sci.*, 169, 1-10
- Peraturan Gubernur Daerah Istimewa Yogyakarta Nomor 22 Tahun 2007 tentang Penetapan Kelas Air Sungai di Provinsi Daerah Istimewa Yogyakarta
- Peraturan Gubernur Daerah Istimewa Yogyakarta Nomor 20 Tahun 2008 tentang Baku Mutu Air di Provinsi Daerah Istimewa Yogyakarta

- Peraturan Pemerintah Republik Indonesia Nomor 82 Tahun 2001 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air
- Peraturan Pemerintah Republik Indonesia Nomor 37 Tahun 2012 tentang Pengelolaan Daerah Aliran Sungai
- Pitoyo, P.N.P., I.W. Arthana, dan I.M. Sudarma. 2016. Kinerja Pengelolaan Limbah Hotel Peserta Proper dan Non Proper di Kabupaten Badung, Provinsi Bali. *Ecotrophic*, 10 (1), 33-40
- Purnaini, R., Sudarmadji, dan Purwono, S. 2019. Pemodelan Sebaran BOD di Sungai Kapaas Kecil Bagian Hilir menggunakan WASP. *Jurnal Teknosains*, 8(2), 148-157
- Sampe, H.R., I. Juwana, dan D. Marganingrum. 2018. Kajian Perhitungan Beban Pencemaran Sungai Cisangkuy di Cekung Bandung dari Sektor Pertanian. *Jurnal Rekayasa Hijau*, 2 (2), 165-175
- Santosa, L.W. 2016. *Keistimewaan Yogyakarta dari Sudut Pandang Geomorfologi*. Yogyakarta: UGM PRESS
- Sari, D.S. 2014. Daya Tampung Beban Pencemaran dan Upaya Pengelolaan Sungai Winongo di Daerah Istimewa Yogyakarta. *Tesis*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada.
- Shiklomanov, I.A. 2009. Introduction: Definitions of Hydrosphere and Hydrological Cycle. *The Hydrological Cycle*, 1(1), 2-4
- Sinha, E., Michalak, A.M., and Balaji, V. 2017. Eutrophication Will Increase During the 21st Century as a Result of Precipitation Changes. *Science*, 357, 405-408
- Son, C.T., Giang, N.T.H., Thao, T.P., Nui, N.H., Lam, N.T., and Cong, V.H. 2020. Assessment of Cau River Water Quality Assessment Using a Combination of Water Quality and Pollution Indices. *Journal of Water Supply: Research and Technology*, 69(2), 160-172
- Spellman, F.R. 1996. *Stream Ecology and Self-Purification, an Introduction for Wastewater and Water Specialist*. United States of America: Technomic Publishing Company
- Sutikno, S. Dibyosaputro, dan E. Haryono. 2020. *Geomorfologi Dasar*. Yogyakarta: UGM PRESS
- Tofani, A.S. 2019. Kajian Daya Tampung Beban Pencemaran di Daerah Aliran Sungai Belik Hulu, Daerah Istimewa Yogyakarta. *Skripsi*. Yogyakarta: Fakultas Geografi Universitas Gadjah Mada
- Undang-Undang Republik Indonesia Nomor 17 Tahun 2019 tentang Sumber Daya Air

- Wang, X., Pang, S., Yang, L., and Melching, C.S. 2020. A Framework for Determining the Maximum Allowable External Load That Will Meet a Guarantee Probability of Achieving Water Quality Targets. *Science of the Total Environment*, 735, 1-11
- Wei, G., Yang, Z., Cui, B. *dkk.* 2009. Impact of Dam Construction on Water Quality and Water Self-Purification Capacity of the Lancang River, China. *Water Resour Manage*, 23, 1763–1780
- Wijaya, D.S. and Juwana, I. 2018. Identification and Calculation of Pollutant Load in Ciwaringin Watershed, Indonesia: Domestic Sector. *IOP Conference Series: Materials Science and Engineering*
- WWAP (United Nations World Water Assessment Programme). 2015. *The United Nations World Water Development Report 2015: Water for a Sustainable World*. Paris: UNESCO
- Ye, L., Cai, Q., Liu, R., and Cao, M. 2009. The Influence of Topography and Land Use on Water Quality of Xiangxi River in Three Gorges Reservoir Region. *Environ Geol*, 58, 937-942
- Zhou, Y.Y., J.H. Wang, W.H. Xiao, Y.H. Huang, H. Yang, B.D. Hou, Y. Chen, and H.T. Zhang. 2021. A Hierarchical Approach for Inland Lake Pollutant Load Allocation: A Case Study in Tangxun Lake Basin, Wuhan, China. *Journal of Environmental Informatics*, 37 (1), 16-2