

DAFTAR PUSTAKA

- [1] B. Adji and M. Hafil, "Pemerintah Targetkan 76,2 Persen Layanan Air Bersih," 17 January 2019. [Online]. Available: <https://www.republika.co.id/berita/nasional/umum/19/01/17/plg9fz430-pemerintah-targetkan-762-persen-layanan-air-bersih>. [Accessed 28 September 2019].
- [2] N. Sari, *Kajian Ketersediaan Sumber Daya Air Tanah Untuk Kebutuhan Domestik dan Jasa di Bentanglahan Pesisir Kecamatan Temon Kabupaten Kulonprogo*, Yogyakarta: Universitas Negeri Yogyakarta, 2013.
- [3] R. Anggraini, *Kandungan Logam Air Sumur dan Air PDAM dengan Sistem Pendeteksi Kelayakan Air Minum (Elektrolizer Air) Di Kecamatan Sumbersari, Jember*: Universitas Jember, 2012.
- [4] S. Hastutiningrum, Purnawan and E. Nurmaitawati, "Penurunan Kadar Besi (Fe) dan Mangan (Mn) Dalam Air Tanah dengan Metode Aerasi Conventional Cascade dan Aerasi Vertical Buffle Channel Cascade," in *Seminar Nasional Teknik Kimia Kejuangan*, Yogyakarta, 2015.
- [5] A. Taufan, "Model Alat Pengolahan Fe dan Mn Menggunakan Sistem Venturi Aerator Dengan Variabel Kecepatan Aliran dan Jumlah Pipa Venturi," *Jurnal Teknik Lingkungan ITS*, 2011.
- [6] K. Batara, B. Zaman and W. Oktiawan, "Pengaruh Debit Udara dan Waktu Aerasi Terhadap Efisiensi Penurunan Besi dan Mangan Menggunakan Diffuser Aerator Pada Air Tanah," *Jurnal Teknik Lingkungan Undip*, vol. 6, 2017.
- [7] X. Du, J. Wang, V. Jegatheesan and G. Shi, "Dissolved Oxygen Control in Activated Sludge Process Using a Neural Network-Based Adaptive PID Algorithm," *Applied Sciences*, vol. 8, pp. 261-281, 2018.
- [8] K. Yu, A. Muhetaer and L. Wei, "Evaluation Indexes of Sewage Stabilization From Municipal Wastewater Treatment Plant," *China Water and Wastewater*, vol. 5, no. 5, pp. 93-97, 2016.

- [9] L. Qiu and D. Yang, "PID Fuzzy Control of Activated Sludge System," in *International Conference on Electronics, Communications, and Control*, Ningbo, 2011.
- [10] F. R. Spellman, *Handbook of Water and Wastewater Treatment Plant Operations*, Florida: CRC Press, 2014.
- [11] A. Goldar, S. R. Revollar, R. Lamanna and P. Vega, "Neural NLMPC schemes for the control of the activated sludge process," in *11th IFAC Symposium on Dynamics and Control of Process Systems Including Biosystems*, Trondheim, 2016.
- [12] A. V. Justice and C. Kathyaini, "Controlling of Nonlinear System By Using Fuzzy Logic Controller," *International Research Journal of Engineering and Technology*, vol. 02, no. 07, pp. 648-656, 2015.
- [13] T. Haiyunnisa, H. S. Alam and T. I. Salim, "Design and Implementation of Fuzzy Logic Control System for Water Quality Control," in *2nd International Conference on Automation, Cognitive Science, Optics, Micro Electro-Mechanical System, and Information Technology (ICACOMIT)*, Jakarta, 2017.
- [14] T. J. Ross, *Fuzzy Logic with Engineering Applications*, Chichester: Wiley, 2017.
- [15] Y. Wei, Y. Jiao, D. An, D. Li, W. Li and Q. Wei, "Review of Dissolved Oxygen Detection Technology: From Laboratory Analysis to Online Intelligent Detection," *MDPI Sensors*, vol. 19, p. 3995, 2019.
- [16] Salmin, "Oksigen Terlarut (DO) dan Kebutuhan Oksigen Biologi (BOD) Sebagai Salah Satu Indikator Untuk Menentukan Kualitas Perairan," *Oseana*, vol. XXX, no. 3, pp. 21-26, 2005.