

## DAFTAR PUSTAKA

- Abbasi, T. & S.A., A., 2012. *Water Quality Indices*. Oxford, UK: Elsevier B.V.
- Ardion, M.V., 2017. *Hubungan Aliran Air Sungai dan Indeks Kualitas Air untuk Pengendalian Pencemaran Air (Studi Penelitian Sungai Winongo)*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Berthou, P.M. & Brown, L.C., 2002. *Statistics for Environmental Engineers*. 2nd ed. Washington, USA: Lewis Publisher.
- Boyd, C.E. & Tucker, C.S., 1998. *Pond Aquaculture Water Quality Management*. New York: Kluwer Academic Publisher.
- Effendi, H., 2003. *Telaah Kualitas Air Bagi Sumber Daya dan Lingkungan Perairan*. Yogyakarta: Kanisius.
- Fataei, E., 2011. Assessment of Surface Water Quality Using Principle Component Analysis and Factor Analysis. *World Journal of Fish and Marine Sciences*, III(2), pp.159-66.
- Ghasemi, A. & Zahediasl, S., 2012. Normality Test for Statistical Analysis : A guide for Non-Statisticians. *International Journal of Endocrinology & Metabolism*, X(2), pp.486-89.
- Hair, J.F.J., Black, W.C., Babin, B.J. & Anderson, R.E., 2014. *Multivariate Data Analysis*. 7th ed. USA: Pearson Education Limited.
- Ho, R., 2006. *Handbook of Univariate and Multivariate Data Analysis and Interpretation with SPSS*. Boca Raton: Chapman and Hall/CRC.
- Kannel, P.R. dkk., 2007. Application of Water Quality Indices and Dissolved Oxygen as Indicator for River Water Classification and Urban Impact Assessment. *Environ Monit Assess*, CXXXII, pp.93-110.
- Kazi, T.G. dkk., 2009. Assessment of Water Quality of Polluted Lake Using Multivariate Statistical Techniques. *Ecotoxicology and Environmental Safety*, LXXII, pp.301-09.
- Knudson, E.J., Duewer, D.L. & Christian, G.D., 1977. Application of Factor Analysis to Study of Rain Chemistry in the Puget Sound Region. *In Chemometrics : Theory and Application*, 1 June. pp.80-116.
- Lipkovich, I.A. & Smith, E.P., 2002. Biplot and Singular Decomposition Macros for Excel. *Journal of Statistical Software*, VII(5), pp.1-16.
- Mendes, M. & Pala, A., 2003. Type I Error and Power of Three Normality Test. *Pakistan Journal of Information and Technology*, II(2), pp.135-39.

- Metcalf & Eddy, 1979. *Wastewater Engineering Treatment/Disposal/Reuse*. 2nd ed. USA: Mac Graw Hill.
- Muslimin, 2012. Kajian Status Kualitas Air di Sungai Gadjahwong dengan Berbagai Indeks Kualitas Air. *Lingkungan Tropis*, VI(2), pp.91-103.
- Muttaqin, M.Z., 2013. *Aplikasi Penggunaan Analisis Statistik Faktor sebagai ALat Bantu Penentuan Karakteristik Kualitas Air (Studi Kasus : Sungai Code)*. Tugas Akhir. Yogyakarta: Universitas Gadjah Mada Universitas Gadjah Mada.
- Nordstokke, D.W. & Zumbo, B.D., 2010. A New Nonparametric Levene Test for Equal Variances. *Psicologica*, XXI, pp.401-30.
- Pagano, R.R., 2013. *Understanding Statistic in The Behavioral Sciences*. 10th ed. Wadsworth, USA: John-David Hague.
- Putrananda, J., 2015. *Kajian Kualitas Air Sungai dengan 2 Teknik Standarisasi Menggunakan Scilab dan Biplot Ad Ins*. Tugas Akhir. Yogyakarta: Universitas Gadjah Mada.
- Putrananda, J., 2016. Identification of Water Quality Significant Parameter With 2 Transformation/Standarization Methods on Principal Component Analysis and Scilab Software. *Journal of The Civil Engineering Forum*, XIII(3), pp.223-33.
- Razali, N.M. & Wah, Y.B., 2011. Power Comparisons of Shapiro-Wilk, Kolmogorov-Smirnov, Lilliefors and Anderson-Darling Test. *Journal of Statistical Modelling and Analysis*, II(1), pp.21-33.
- Rencher, A.C., 2002. *Methods of Multivariate Analysis*. 2nd ed. Canada: John Wiley and Sons, Inc.
- Saraswati, S.P., 2015. *Pengembangan Metode Penentuan Kesehatan Perairan Sungai di Daerah Tropis Berbasis Ekohidrolik*. Disertasi. Yogyakarta: Universitas Gadjah Mada.
- Saraswati, S.P. dkk., 2013. Water Quality Monitoring and Data Quality Assurance. In Prof. Dr. Ir. Sri Harto, B..D..H..P.-S. dkk., eds. *Proceedings International Seminar on Water Related Disaster Solutions*. Yogyakarta, 2013. Himpunan Ahli Teknik Hidraulik Indonesia (HATHI).
- Saraswati, S.P., Sunyoto, Kironoto, B.A. & Hadisusanto, S., 2014. Kajian Bentuk dan Sensivitas Rumus Indeks PI, Storet, CCME untuk Penentuan Status Mutu Perairan Sungai Tropis di Indonesia. *Jurnal Manusia dan Lingkungan*, XXI(2), pp.129-42.
- Sawyer, C.N., McCarty, P.L. & Parkin, G.F., 2003. *Chemistry for Environmental Engineering and Science*. 5th ed. New York: Mc Graw Hill.

- Sembiring, P.S., 2015. *Analisis Data Kualitas Air Sungai Menggunakan Metode Statistik Multivariat Principal Component Analysis dengan 2 Teknik Standarisasi*. Tugas Akhir. Yogyakarta: Universitas Gadjah Mada Universitas Gadjah Mada.
- Shapiro, S.S., Wilk, M.B. & Chen, M.H.J., 1968. A Comparative Study of Various Test for Normality. *Journal of The American Statistical Association*, LXIII(324), pp.1343-72.
- Sharma, S., 1996. *Applied Multivariate Technique*. Canada: John Wiley and Sons. Inc.
- Tebbut, T.H.Y., 1998. *Principles of Water Quality Control*. 5th ed. Oxford: Butterworth-Heinemann.
- Wibowo, K., 2017. *Analisis Data Kualitas Air Sungai Menggunakan Metode Statistik Multivariat Principal Component Analysis dengan 2 Teknik Standarisasi*. Tugas Akhir. Yogyakarta: Universitas Gadjah Mada.
- Widodo, Y.H., 2017. *Kajian Parameter Kualitas Air Singnifikan dan Indeks Kualitas Air untuk Pengendalian Pencemaran Sungai Code*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- Yogendra, K. & Puttaiah, E.T., 2008. Determination of Water Quality Index and Suitability of an Urban Waterbody in Shimoga Town, Karnataka. In Sengupta, M. & Dalwani, R., eds. *Proceedings of Taal 2007 : The 12th World Lake Conference*. Jaipur, Rajasthan, 2008. International Lake Environment Committee Foundation (ILEC).
- Zhao, Y., Xia, X.H., Yang, Z.F. & Wang, F., 2012. Assessment of Water Quality Baiyangjian Lake Using Multivariate Statistical Technique. *Procedia Environmental Sciences*, XIII, pp.1213-36.
- Peraturan Pemerintah Nomor 82 Tahun 2001 tentang Pengelolaan Kualitas dan Pengendalian Pencemaran Air
- Peraturan Gubernur Nomor 20 Tahun 2008 tentang Baku Mutu Air Permukaan untuk Daerah Istimewa Yogyakarta.