

DAFTAR PUSTAKA

- Aamer, M. (2024, October). Driving Sustainable Finance : The Intersection of AI, IoT and Big Data Analytics in Waste Management and Legal Technology for Resource Efficiency. *Researchgate*.
- Abdullah, D. (2017). *Merancang Aplikasi Perpustakaan Menggunakan SDLC*. Medan: Sefa Bumi Persada.
- Acung Billahi, B., Wisnuaji Widiatmoko, K., & Faizal Mahmud, dan. (2025). Pendampingan Teknis Pemeliharaan Struktur Instalasi Pengolahan Air Limbah (IPAL) Desa Leyangan Kabupaten Grobogan. *Jurnal Pengabdian KOLABORATIF*, 3(1), 18–25. <https://doi.org/10.26623/jpk.v3i1.10371>
- Adhitya G, A., & Suryadi, C. (2022). Pengembangan Model Pengelolaan Risiko Sistem Informasi Berbasis FMEA dan ISO 31000:2009 Sebagai Pendukung K3L di Laboratorium Lingkungan. *Reka Lingkungan*, 79-90. doi:10.26760/rekalingkungan.v10i1.79-90
- Aditya, I., & Kartohardjono, S. (2018). Effect of pH of Coagulant on the Treatment of Wastewater from Tofu Industry. *E3S Web of Conferences*, 67. <https://doi.org/10.1051/e3sconf/20186704006>
- Ahmad, S. (2023). *Air Bersih untuk Semua : Menjelajahi Teknologi Pengolahan Air yang novatif*. BCC Research. From <https://blog.bccresearch.com/water-and-wastewater-treatment-industry>
- Ahmed, M. H., & Fathy, S. M. (2024, July). Selecting The Appropriate Wastewater Treatment System Using Analytic Hierarchy Process (AHP). *Engineering Research Journal (ERJ)*, 53(3), 240-247.
- Aisyah, E. N., Mukhlis, I., & Murwani, F. D. (2023). A Review of International Mode of Entry Strategies for SMEs in East Java. *Journal of Economics, Management and Trade*, 29, 26-39. doi:10.9734/JEMT/2023/v29i71102

- Ajay R, Gowda S H, M., Poornima V B, Vaibhav S, & Sudha L K . (2024). Low Cost Sewage Monitoring System Using IoT in Smart Cities. *Journal of Xidian University*, 1352-1360. doi:10.5281/Zenodo.11066650
- Aji, P. B., Sunarto, W., & Susatyo, E. B. (2016). Penurunan Nilai COD Air Limbah Pabrik Tahu Menggunakan Reagen Fenton Secara Batch. *Indonesian Journal of Chemical Science*.
- Ajidarma, P., Rahmadini, A., Trusaji, W., & Irianto, D. (2018). ISO 14001 : 2015 Environmental Management System Design in a Milk Industry. *International Journal of Applied Science and Engineering*, 15, 135–140. [https://doi.org/10.6703/IJASE.201802_15\(2\).135](https://doi.org/10.6703/IJASE.201802_15(2).135)
- Ali, A., Zubair, M., Anam, S., & Naeem, S. (2022). Agile Software Development Processes Implementing Issues and Challenges with Scrum. *MOL2NET'22, Molecular, Biomedical & Computational Science and Engineering, 8th ed*, (pp. 1-8). doi:10.3390/mol2net-08-13907
- Alijoyo, A., Wijaya, B., & Jacob, I. (2019). *Failure Mode effect Analysis*. Bandung: CRMS Indonesia.
- Almanasreh, E., Moles, R., & Chen, T. F. (2019). Evaluation of Methods Used for Estimating Content Validity. In *Research in Social and Administrative Pharmacy* (Vol. 15, Issue 2, pp. 214–221). Elsevier Inc. <https://doi.org/10.1016/j.sapharm.2018.03.066>
- Alnavis, N. B., Martono, D. N., & Hamzah, U. S. (2021). Internal and External Factors Affecting ISO 14001 Certification in the Indonesian Food Industry: Lesson from the Experts. *International Conference on Industrial Engineering and Operations Management Singapore* (pp. 3070-3080). IEOM Society International.
- Alzahrani, A., Chauhdary, S. H., & Alshdadi, A. (2023). Internet of Things (IoT) Based Wastewater Management in Smart Cities. *Electronics*, 1-14. doi:10.3390/electronics12122590

- Analouei, R., Taheriyoun, M., & Safavi, H. R. (2020). Risk Assessment of An Industrial Wastewater Treatment and Reclamation Plant Using The Bow-Tie Method. *Environmental Monitoring and Assessment*, 192(1). <https://doi.org/10.1007/s10661-019-7995-x>
- Apriliyani, I., Ainuri, M., & Suyantohadi, A. (2023). Analisis Terhadap Kinerja Instalasi Pengolahan Air Limbah (IPAL) Pada Industri Gudeg Kaleng di PT XYZ, Yogyakarta. *AgriTECH*, 43(1), 74. <https://doi.org/10.22146/agritech.71076>
- Asgarian, M., Tabesh, M., Roozbahani, A., & Bavani, E. B. (2018). Risk Assessment and Management of Wastewater Collection and Treatment Systems Using FMADM Methods. *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, 42(1), 55–71. <https://doi.org/10.1007/s40996-017-0062-3>
- Association, T. I. (2018). *The Reuse Opportunity*. From <https://www.iwa-network.org/wp-content/uploads/2018/02/OFID-Wastewater-report-2018.pdf>
- Attri, R., Dev, N., & Sharma, V. (2013). Interpretive Structural Modelling (ISM) Approach: An Overview. In *Research Journal of Management Sciences* (Vol. 2, Issue 2). www.isca.in
- Auliani, R., Ratih Andaningsih, I., Karyasa, T. B., Kesehatan, P., Kesehatan, K., & Medan, R. I. (2024). The Effect of Waste Management Technology, Recycling Policy, and Community Participation on Waste Generation Reduction in East Java. In *West Science Interdisciplinary Studies* (Vol. 02, Issue 01).
- Bandur, D. A. (2018). *Validitas dan Reliabilitas Penelitian*. Jakarta: Mitra Wacana Media.
- BPS. (2023). *Jumlah Usaha Industri Mikro dan Kecil (IMK) Menurut Klasifikasi industri (Unit), 2020-2021*. Indonesia: Badan Pusat Statistik. From <https://sulut.bps.go.id/id/statistics-table/2/MTc5MyMy/jumlah-usaha-industri-mikro-dan-kecil-imk->

[menurut-klasifikasi-industri.html](https://www.bps.go.id/id/statistics-table/1/OTUwIzE=/rata-rata-konsumsi-per-kapita-seminggu-beberapa-macam-bahan-makanan-penting-2007-2023.html)

- BPS. (2024). *Rata-Rata Konsumsi per Kapita Seminggu Beberapa Macam Bahan Makanan Penting, 2007-2023*. Jakarta: Badan Pusat Statistik. From <https://www.bps.go.id/id/statistics-table/1/OTUwIzE=/rata-rata-konsumsi-per-kapita-seminggu-beberapa-macam-bahan-makanan-penting-2007-2023.html>
- Bujang, M. A., Omar, E. D., & Baharum, N. A. (2018). A Review on Sample Size Determination for Cronbach's Alpha Test : A Simple Guide for Researchers. *Malays J Med Sci*, 85-99. doi:10.21315/mjms2018.25.6.9
- Butler, D., & Parkinson, J. (1997). Towards Sustainable Urban Drainage. *Water Sci Technol*, 53-63. doi:10.1016/s0273-1223(97)00184-4
- Caesariano, P., & Ali, M. (2024). Analisis Kualitas Air di Daerah Aliran Sungai Welang Rejoso pada Musim Kemarau dan Musim Hujan. *Jurnal Penelitian Rumpun Ilmu Teknik (JUPRIT)*, 3, 57-65. doi:10.55606/juprit.v3i2.3731
- Cetkovic, J., Knezevic, M., Vujadinovic, R., Tombarevic, E., & Grujic, M. (2023). Selection of Wastewater Treatment Technology : AHP Method in Multi Criteria Decision Making. *Water*, 1-26. doi:10.3390/w15091645
- Chapman, R. J. (2006). *Simple Tools and Techniques for Enterprise Risk Management*. England: John Wiley & Sons Inc.
- Chrismanto, A. R., Purwadi, J., Wibowo, A., Santoso, H. B., Delima, R., & Balisa, D. (2020). Comparison testing Functional and Usability System Mapping Land Agriculture on Platform Web and Mobile. *IAIC Transaction on Sustainable Digital Innovation (ITSDI)*, 140-157. doi:10.34306/itsdi.v2i2.401
- Cosgrove, W. J., & Loucks, D. P. (2015). Water Management: Current and Future Challenges and Research Directions. In *Water Resources Research* (Vol. 51, Issue 6, pp. 4823–4839). Blackwell Publishing

- Ltd. <https://doi.org/10.1002/2014WR016869>
- Cote, P., & Liu, M. (2008). Water Reclamation and Desalination by Membranes. *Advanced Membrane Technology and Applications*, 179.
- Curkovic, S., Scannell, T., & Wagner, B. (2013). ISO 31000:2019 Enterprise and Supply Chain Risk Management : A Longitudinal Study. *American Journal of Industrial and Business Management*, 614-630. doi:<http://dx.doi.org/10.4236/ajibm.2013.37072>
- Czekala, W., Drozdowski, J., & Labiak, P. (2023). Modern technologies for Waste Management : A Review. *Science*, 1-14. doi:10.3390/app13158847
- Dewi, A. M. (2022). *Kondisi industri Pengolahan Makanan dan Minuman di Indonesia*. Jakarta: Kementerian Keuangan Republik Indonesia.
- Dewi, L., & Kitri, M. L. (2019). Operational Risk Analysis in Department of Enterprise Risk Management of PT.XYZ Based on ISO 31000:2018 Framework. *1st Annual Management, Business and Economic Conference (AMBEC 2019)* (pp. 33-38). ATLANTIS PRESS. doi:10.2991/aebmr.k.200415.007
- Dhruba, A. R., Alam, K. N., Khan, M. S., Saha, S., Khan, M. M., Baz, M., Masud, M., & Alzain, M. A. (2022). IoT-Based Water Quality Assessment System for Industrial Waste Water Healthcare Perspective. *Journal of Healthcare Engineering*, 2022. <https://doi.org/10.1155/2022/3769965>
- Doyle, E., McCarthy, S., & McGovern, D. (2013). *Compliance-Innovation Enabling Strategic Growth*. Ireland: School of Economics University College Cork.
- Edokpayi, J. N., Odiyo, J. O., Msagati, T. A. M., & Popoola, E. O. (2015). Removal Efficiency of Faecal Indicator Organisms, Nutrients and Heavy Metals From A Peri-Urban Wastewater Treatment Plant in

- Thohoyandou, Limpopo Province, South Africa. *International Journal of Environmental Research and Public Health*, 12(7), 7300–7320. <https://doi.org/10.3390/ijerph120707300>
- Ekechi, C. C., Okeke, C. D., & Adama, H. E. (2024). Enhancing Agile Product Development Scrum Methodologies : A Detailed Exploration of Implementation Practices and Benefits. *Engineering Science & Technology Journal*, 5(5), 1542-1570. doi:10.51594/estj.v5i5.1108
- EPA. (2006). *Life Cycle Assessment : Principles and Practice*, Cincinnati, Ohio, National Risk Management Research Laboratory Office Of Research and Development. US: Environmental Protection Agency.
- Eriyatno. (2003). *Ilmu Sistem : Meningkatkan Mutu dan Efektivitas Manajemen Jilid Satu*. Bogor: IPB Press.
- Etrariadi, N., & A'inunisya, E. P. (2023). Pengembangan Website Manajemen Proyek Menggunakan Metode Agile Scrum (Studi Kasus Diskopindag Kota Malang). *Jurnal Nasional Teknologi dan Sistem Informasi*. doi:10.25077/TEKNOSI.v9i1.2023.55-54
- Fahriza, S. P., Arifin, W. A., & Rosalia, A. A. (2024, Juni). E- Monitoring Instalasi Pengolahan Air Limbah Pelabuhan Perikanan Nusantara Kejawanan Menggunakan Metode Agile Scrum. *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, 11, 625-636. doi:10.25126/jtiik.938099
- Fahriza, S. P., Arifin, W. A., & Rosalia, A. A. (2024, Juni 3). E-Monitoring Instalasi Pengolahan Air Limbah Pelabuhan Perikanan Nusantara Kejawanan Menggunakan Metode Agile Scrum. *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, 625-636. doi:10.25126/jtiik.2024118099
- Faisal, M., Gani, A., Mulana, F., & Daimon, H. (2016). Treatment and Utilization of Industrial Tofu Waste in Indonesia. *Asian Journal of Chemistry*, 8, 501-507. doi:14233/ajchem.2016.19372

- Fang, C., & Marle, F. (2012). A Simulation Based Risk Network Model for Decision Support in Project Risk Management. *Elsevier*, 635-644. doi:10.1016/j.dss.2011.10.021
- Fauzy, A. (2019). *Metode Sampling Edisi 2*. Banten: Universitas Terbuka.
- Fikri, E. (2020). *Menilai Dampak Lingkungan Dengan Analisis Daur Hidup (LCA)*. Bandung: CV Pustaka Setia.
- Grayman, W. M., Loucks, D. P., & Saito, L. (2012). *Toward A Sustainable Water Future Vision for 2050*. American Society of Civil Engineers.
- Guan, L., Abbasi, A., & Ryan, M. J. (2021). A Simulation Based Risk Interdependency Network Model for Project Risk Assessment. *Elsevier*, 1-15. doi:10.1016/j.dss.2021.113602
- Haqi, M. M., Pulansari, F., & Dewi, S. (2024a). *The Implementation Of House Of Risk and Interpretative Structural Modeling Approach to Risk Mitigation Of Supply Chain Problems In The Fertilizer Industry*. 17(2), 256–271. <https://doi.org/10.21107/pamator.v17i2/25875>
- Handayani , N. I., & Setianingsih, N. I. (2021). Teknologi Fisika dan Kimia Dalam Pengolahan Air Limbah. In A. M. Simbolon, *Sustainable Industry : Teknologi Pencegahan Pencemaran Industri* (pp. 3-19). Yogyakarta: CV ANDI OFFSET.
- Hans, C., & Schumacher, J. (2004). Simulation Based Risk Analysis in Production Networks. *WIT Transactions on Ecology and the Environment*, 735-744. doi:10.2495/RISK040671
- Haqi, M. M., Pulansari, F., & Dewi, S. (2024b). *The Implementation Of House Of Risk and Interpretive Structural Modeling Approach To Risk Mitigation of Supply Chain Problems In the Fertilizer Industry*. 17(2), 256–271. <https://doi.org/10.21107/pamator.v17i2/25875>
- Hartati, E., & Pratama, A. (2025). *Pemilihan Lokasi Prioritas Pelayanan Sistem Penyaluran Air Limbah Domestik Setempat di Kecamatan*

Purwasari Dengan Metode Skoring dan Pembobotan. X(1).

- Helmyahmed, M., & Fathy, S. M. (2024). Selecting the Appropriate Wastewater Treatment System Using Analytic Hierarchy Process (AHP). In *Engineering Research Journal (ERJ)* (Issue 53). <https://erjsh.journals.ekb.eg>
- Herdiansyah, H. (2015). *Metodologi Penelitian Kualitatif untuk Ilmu Psikologi*. Jakarta: Salemba Humanika.
- Herlambang, A. (2021). Effect of Using Wasp Nest Structure Biofilter or Organic Waste Processing Anaerobic-Aeorbic Combination System (Case Study : Tofu and Tempeh Waste). *Journal of Environmental Technology*.
- Hermosilla, J. C., Gonzalez, P. D., & Konnola, T. (2009). *Eco-Innovation : When Sustainability and Competitiveness Shake Hands*. Palgrave Macmillan.
- Hong, Y., Liang, H., Cun, R., & Wu, Y. (2020). Design of An Intelligent System for Monitoring and Management in Sewage Treatment Plants Based on IoT. *IOP Conf. Series : Materials Science and Engineering*, (pp. 1-5). doi:10.1088/1757-899X/768/5/052118
- Hussain , I., Raschid, L., Hanjra, M. A., Marikar, F., & Hoek, W. V. (2002). Wastewater Use In Agriculture : Review of Impacts and Methodological Issues In Valuing Impacts. *International Water Management Institute*.
- Ibad, F. M., & Cahyo Putra, M. D. (2021). Penerapan Manajemen Risiko Pada Pengelolaan Limbah Pabrik Tahu XYZ Menggunakan ISO 31000. *Jurnal Teknologi dan Terapan Bisnis*, 18-25.
- Ichsanudin, M., Prabowo, I., & Nasirudin, M. (2023). Analisis Korosi Pada Filter Feed Pump Studi Kasus Pada Wastewater Treatment Plant. *Journal of Metallurgical Engineering And Processing Technology*, 3(2), 94–106.
- Jajac, N., Marović, I., Rogulj, K., & Kilić, J. (2019). Decision Support

- Concept to Selection of Wastewater Treatment Plant Location-the Case Study of Town of Kutina, Croatia. *Water (Switzerland)*, 11(4). <https://doi.org/10.3390/w11040717>
- Judijanto, L., Widiyanto, S., & Ningsih, K. P. (2024). *Manajemen Risiko*. Yogyakarta: CV. Tripe Konsultan.
- Kadir, A. (2014). *Pengenalan Sistem Informasi Edisi Revisi*. Yogyakarta: CV. Andi Offset.
- Keoh, S. L., Kumar, S. S., & Tschofening, H. (2014). Securing the Internet of Things : A Standardization Perspective. *IEEE Internet Of Things Journal*, 1, 265-275. doi:10.1109/jiot.2014.232395
- Khasanah, A. N., Kasih, A. N., Rahayu, L. S., & Sari, N. K. (2025). Evaluation of the performance of the communal Wastewater Treatment Plant (WWTP) in Hegarmanah Village, Cianjur Regency. *BIO Web of Conferences*, 148. <https://doi.org/10.1051/bioconf/202414802028>
- Kholil, Eriyatno, Sutjahyo, S. H., & Soekarto, S. H. (2008). Pengembangan Model Kelembagaan Pengelola Sampah Kota dengan Metode ISM (Interpretative Structural Modeling) : Studi Kasus di Jakarta Selatan. *Transdisiplin Sosiologi, Komunikasi dan Ekologi Manusia*, 31-48.
- Kurnianingtyas, E., Prasetya, A., & Yuliansyah, A. T. (2020). Kajian Kinerja Sistem Instalasi Pengolahan Air Limbah (IPAL) Komunal (Studi Kasus : IPAL Komunal Kalisong, Kelurahan Sambung, Kecamatan Tulungagung, Kabupaten Tulungagung, Jawa Timur). In *MITL Media Ilmiah Teknik Lingkungan* (Vol. 5).
- Labella, R. C., Fort, F., & Rosa, M. P. (2020). Motives, Barriers, and Expected Benefits of ISO 14001 in the Agri-Food Sector. *Sustainability*, 1-17. doi:10.3390/su12051724
- Laureti, L., Anobile, F., Costantiello, A., & Leogrande, A. (2024). Waste Management and Innovation : Insight from Europe. *Recycling*, 1-37. doi:10.3390/recycling9050082

- Li, D., Wang, M. Q., & Lee, C. (2020). The Waste Treatment and Recycling Efficiency of Industrial Waste Processing Based on Two-Stage Data Envelopment Analysis DEA with Undesirable Inputs. *Journal of Cleaner Production*, 1-17. doi:10.1016/j.jclepro.2019.118279
- Likert, R. (1932). *A Technique For The Measurement of Attitudes*. New York: Archives of Psychology.
- Nikmah, F. K., & Pratama, R. A. (2023). Pengembangan Standar Operasional Prosedur (SOP) Pada Bagian Keuangan PT. XYZ. In *Bisnis dan Akuntansi (JEBA)* (Vol. 25).
- Mahadik, S. S. (2022). A Comparative Study of Agile and Waterfall Software Development Methodologies. *International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)* , 399-40
- Marlon, D., Rosa, M. L., Mendling, J., & Reijers, H. A. (2021). *Fundamental Manajemen Proses Bisnis*. Yogyakarta: Lautan Pustaka.
- Mamandipoor, B., Majd, M., Sheikhalishahi, S., Modena, C., & Osmani, V. (2020). Monitoring and Detecting Faults in Wastewater Treatment Plants Using Deep Learning. *Environmental Monitoring and Assessment*, 192(2). <https://doi.org/10.1007/s10661-020-8064-1>
- Mardika, A. S., & Rahajoeningroem, T. (2021). Sistem Kendali dan Monitoring Parameter Limbah Cair Tahu sebagai Larutan Nutrisi Tanaman Hidroponik Bebas Internet Of Things. *Telekontran : Jurnal Ilmiah Telekomunikasi, Kendali Dan Elektronika Terapan*, 9(1), 48–59. <https://doi.org/10.34010/telekontran.v9i1.5622>
- Maulana, A. (2022). Analisis Validitas, Reliabilitas dan Kelayakan Instrumen Penilaian Rasa Percaya Diri Siswa. *Jurnal Kualita Pendidikan*, 133-139.
- Metcalf, & Eddy. (2003). *Wastewater Engineering : Treatment and Reuse (Fourth Edition)*. New York: The McGraw-Hill Companies.
- Min Ibad, F. R., & Putra, M. D. (2021). Penerapan Manajemen Risiko Pada

- Pengelolaan Limbah Pabrik Tahu XYZ Menggunakan ISO 31000. *Jurnal Teknologi dan Terapan Bisnis*, 4, 18-25.
- Misno, A., Mulyapradana, A., Tajibu, M. J., Saputra, N., Aziza, N., & Anita, T.L. (2021). *Fundamentals of Social Research Methods, Processes and Applications*. Yogyakarta: GCAINDO.
- Muka, I. W., Wardani, A. C., & Diatmika, I. W. (2023). Penerapan Manajemen Risiko Pada Pengelolaan Instalasi Pengolahan Air Limbah Komunal Di Kelurahan Ubung Kecamatan Denpasar Utara Kota Denpasar. *Jurnal Rivet (Riset dan Inovasi Teknologi)*, 29-40.
- Mulyadi, & Safrudin. (2020). Pollutan Levels Comparison In Tofu Industrial and Domestic Wastewater in Ternate City. *Jurnal Kesehatan Masyarakat*, 366- 371.
- Mustafa, S., Long, Y., & Rana, S. (2023). The Role of Corporate Social Responsibility and Government Incentives in Installing Industrial Wastewater Treatment Plants: SEM-ANN Deep Learning Approach. *Scientific Reports*, 13(1). <https://doi.org/10.1038/s41598-023-37239-1>
- Napitupulu, R. T., & Putra, M. H. S. (2024). Pengaruh BOD, COD dan DO Terhadap Lingkungan Dalam Penentuan Kualitas Air Bersih di Sungai Pesanggrahan. In *Hal* (Vol. 5, Issue 2). <http://jurnalnasional.ump.ac.id?index.php/civeng>
- Natalia, C., Oktavia, C. W., Hidayat Trifenaus Prabu, & Makatita, W. (2020). Risk Management Model Development by Integrating House of Risk Model and ANP Model. *Journal of Administrative and Business Studies*, 6(4). <https://doi.org/10.20474/jabs-6.4.4>
- Nikiforova, A., & Bicevska, Z. (2018). Application of LEAN Principles to Improve Business Processes: a Case Study in a Latvian IT Company. *Baltic Journal of Modern Computing*, 6(3). <https://doi.org/10.22364/bjmc.2018.6.3.03>
- Nugrahayanti, A. F., & Isharina, I. K. (2022). Evaluasi SOP (Standard

- Operating Procedure) Sebagai Penunjang Kinerja Perusahaan. *Jurnal Management Risiko Dan Keuangan*, 1(4), 252–261.
<https://doi.org/10.21776/jmrk.2022.01.4.03>
- Nurhadi, E., Chumaidiyah, E., & Andrawina, L. (2023). Penilaian Risiko Eksternal (Market dan Lingkungan) Berdasarkan Kerangka ISO 31000: 2018 yang Terintegrasi ISO 9001: 2015. *Jurnal INTECH Teknik Industri Universitas Serang Raya*, 9(1), 22–32.
<https://doi.org/10.30656/intech.v9i1.5430>
- Nurhassan, P., & Pramudyanto, N. (n.d.). Utilization of Tofu Wastewater. *Yayasan Bina Karya Lestari*, 1991.
- Nurlaila, D., Supriyadi, D., & Amalia, A. E. (2017). Penerapan Metode Analytic Network Process (ANP) Untuk Pendukung Keputusan Pemilihan Tema Tugas Akhir (Studi Kasus: Program Studi S1 Informatika ST3 Telkom). *Jurnal Informatika: Jurnal Pengembangan IT*, 2(2), 63–68.
<https://doi.org/10.30591/jpit.v2i2.511>
- Olson, D. (2014). *Supply Chain Risk Management, Second Edition*. New York: Business Expert Press.
- Pambudi, Y. S., Sudaryantiningsih, C., Amah, V. T., Jama, J. T., & Ripi. (2022). Anaerobic Tofu Industrial Wastewater Treatment Installation Planning Using Rotating Biological Contractors (RBC) (Case Study at “Sari Murni” Tofu Factory, Krajan Village, Mojosongo Village, Surakarta City). *East Asian Journal of Multidisciplinary Research (EAJMR)*, 1, 2127-2140.
doi:10.55927/eajmr.v1i10.1875
- Pamungkas, A. W., & Slamet, A. (2017). Pengolahan Tipikal Instalasi Pengolahan Air Limbah Industri Tahu di Kota Surabaya. *Jurnal Teknik ITS*, D123-D128.
- Pasaribu, A., & Sudiarno, A. (2024). Risk Management Practices using the House of Risk for Safety, Health, etc.(HORShe) Method: A Case

- Study on Wastewater Treatment in the Pharmaceutical Industry. *Digest of Technical Papers - IEEE International Conference on Consumer Electronics*, 547– 553. <https://doi.org/10.1109/ISCT62336.2024.10791136>
- Pinto, L., Allui, A., & Mariotti, F. (2017). Motivations, Barriers and Benefits in the Adoption of ISO 14001 in Saudi Organization. *International Journal of Applied Business and Economic Research*, 15, 389-413.
- Pratiwi, P. Y., Sanjaya, I. D., Pradnyana, G. A., Kom, S. M., Widarti, E., Joosten, . . . Soepriano. (2024). *Buku Ajar Pengantar Sistem Informasi*. Indonesia: PT. Sonpedia Publishing Indonesia.
- Priyandari, Y., Kusuma, H., Suletra, I. W., & Jauhari, W. A. (2020). Pemilihan Lokasi Instalasi Pengolahan Air Limbah untuk Kawasan Industri Tahu-Tempe Menggunakan Fuzzy TOPSIS. *Performa: Media Ilmiah Teknik Industri*, 18(2). <https://doi.org/10.20961/performa.18.2.32384>
- Pujawan, I. N., & Geraldin, L. H. (2009). House of Risk : A Model for Proactive Supply Chain Risk Management. *Business Process Management*, 15, 953- 967. doi:10.1108/14637150911003801
- Pushpa B R, Ramakrishna, D., Chaithra S, & Rani M.S, D. (n.d.). LoRaWan-The Technology Of Sewage Monitoring and Alerting System. *ICRISST 2024*.
- Putra, H. S. C., Rashid, N. A., & Said, F. M. (2023). Performance of Waste Water Treatment Plans in Hospitals : Literature Review. *Lecturers International Journal of Health Sciences (IJHS)*, 1. <https://doi.org/10.59585/ijhs>
- Putro, P. G., Hadiyanto, H., & Amirudin. (2018). Water Quality Parameters of Tofu Wastewater: A Review. *Material Science and Engineering* (p. 1). IOP Publishing. doi:10.1088/1757-899X/1156/1/012018
- Rahajoeningroem, T., & Mardika, A. S. (2021). Sistem Kendali dan Monitoring Parameter Limbah Cair Tahu Sebagai Larutan Nutrisi

- Tanaman Hidroponik Berbasis Internet of Things. *Telekontran*, 48-59. doi:10.34010/telekontran.v9i1.5622
- Rahmadi. (2011). *Pengantar Metodologi Penelitian*. Kalimantan Selatan: Antasari Press.
- Rahmadi, A., Sari, N. M., & Indriyani, E. (2022). *Buku Ajar Pemanfaatan Limbah Industri*. (Thamrin, Ed.) Banjarbaru: CV Banyubening Cipta Sejahtera.
- Ibad, F. R. M., & Putra, M. D. D. C. (2021). *Penerapan Manajemen Risiko Pada Pengelolaan Limbah Pabrik Tahu XYZ Menggunakan ISO 31000*. 4(1), 18–25.
- Rahmawati, E., Wazna Auvaria, S., Nengse, S., & Taruna Utama, T. (2022). Analysis of Global Warming Potential in Tofu Industry (Case Study: Industry X, Gresik). *Serambi Engineering*, VII(4).
- Rajabya, G. P., & Gusnita, N. (2023, April). Analysis of the Utilization of Tofu Liquid Waste as a Biogas Electricity Power Plant. *Electronic, Control, Telecommunication, Information and Power Engineering*, 78. doi: 10.33019/jurnalecotipe.v10i1.3855
- Rajagukguk, K. (2020). Processing of Tofu Wastewater into Biogas Using a Reactor Portable Biogas. *Journal of Quantum Teknik*, 63-71.
- Ramdani, M. R. (2022). Analisis Keputusan Pemilihan Alternatif Pengolahan Limbah Cair Dengan Menggunakan Analytic Network Proses (ANP). *Jurnal Mesteri*, 1-8.
- Ratna Nabilla, D., & Hasin, A. (2022). *Analisis Efektivitas Penerapan Standard Operating Procedure (SOP) pada Departemen Community & Academy RUN System (PT Global Sukses Solusi Tbk)* (Vol. 01, Issue 06). <https://journal.uii.ac.id/selma/index58ArtikelHasilPenelitian>
- Rimantho, D., & Rosdiana, H. (2017). Penentuan Faktor Kunci Peningkatan Kualitas Air Limbah Industri Makanan Menggunakan Interpretative Structural Modeling (ISM). *Jurnal Ilmu Lingkungan*, 90-95.

doi:10.14710/jil.15.2.90-95

- Rimantho, D. (2019). Analisis Risiko Potensi Kegagalan Proses Penjernihan Air Limbah Industri Farmasi Dengan Pendekatan Metode AHP. *Jurnal Ilmiah Teknik Industri*, 18(1), 79–86. <https://doi.org/10.23917/jiti.v18i1.7776>
- Rosa A.S, & Shalahuddin, M. (2016). *Rekayasa Perangkat Lunak Terstruktur dan Berorientasi Objek*. Bandung: InformatikaBandung.
- Rubin, K. S. (2019). *Essential Scrum : A Practical Guide to The Most Popular Agile Process*. New York: Addison Wesley Professional.
- Rudiyanto, A., Yulaswati, V., Primana, J. R., Oktorialdi, Wati, D. S., Maliki, . . . Ali, P. B. (2020). *Pedoman Teknis Penyusunan Rencana Aksi - Edisi II Tujuan Pembangunan Berkelanjutan (TPB) / Sustainable Development Goals (SDGs)*. Kementerian Perencanaan Pembangunan Nasional.
- Saaty, T. L., & Vargas, L. G. (2022). *Models, Methods, Concepts & Applications of The Analytic Hierarchy Process Second Edition*. London: Springer Internaatinal Series in Operations Research & Management Science.
- Sadr, S., Saroj, D., Kouchaki, S., Ilemodabe, A., & Ouki, S. (2015). A Group Decision Making Tool For The Application of Membrane Technologies in Different Water Reuse Scenarios. *Jurnal of Environmental Management*, 97-108. doi:10.1016/j.jenvman.2015.02.047
- Sagastume, F. M., & Allen, D. G. (2003). Effects of Temperature Transient Conditions on Aerobic Biological Treatment of Wastewater. *Water Research*, 37(15), 3590–3601. [https://doi.org/10.1016/S0043-1354\(03\)00270-7](https://doi.org/10.1016/S0043-1354(03)00270-7)
- Salsabila, N. F., Raharjo, M., & Joko, T. (2023). Indeks Pencemaran Air Sungai dan Persebaran Penyakit yang Ditularkan Air (Waterborne Diseases): Suatu Kajian Sistematis. *Environmental Occupational*

Health and Safety Journal Occupational Health and Safety Journal
•, 4(1), 24.

Santoso, J. T., & Migunani. (2021). *Desain & Analisis Sistem Berorientasi Obyek Dengan UML*. Yayasan Prima Agus Teknik.

Saputra, M., Hartati, E., & Halomoan, N. (2016). Evaluasi Kinerja Instalasi Pengolahan Air Limbah (IPAL) Di Waduk Melati, Kota Jakarta Pusat. In *Jurnal Teknik Lingkungan* (Vol. 22).

Sari, S., Hayati, Dzaki, A., & Juliansyah, W. (2023). Analisis Risiko Kesehatan dan Keselamatan Kerja Pada Pabrik Tahu Bapak Paimin Dengan Metode HIRA. *JISI: Jurnal Integrasi Sistem Industri*, 10(1), 1. <https://doi.org/10.24853/jisi.10.1.1-8>

Sarjana, S., Nardo, R., Hartono, R., Siregar, Z. H., Irmal, Sohilauw, M. I., . . . Badrianto, Y. (2022). *Manajemen Risiko*. (H. F. Ningrum, Ed.) Bandung: CV. Media Sains Indonesia.

Seiffert, M. B. (2008). Environmental Impact Evaluation Using A Cooperative Model for Implementing EMS (ISO 14001) in Small and Medium Sized Enterprise *Cleaner Production*, 1447-1461. doi:10.1016/j.jclepro.2007.10.001

Setiawan, R., Mulyani, A., Ramdan, G. M., & Roji, F. F. (2024). Aplikasi Resep Makanan Bergizi Membantu Pencegahan Stunting Menggunakan Metodologi Agile Framework Scrum. *Jurnal Teknologi Informasi dan Ilmu Komputer (JTIK)*, 761-770. doi:10.25126/jtiik.2024118344

Shabir, G. (2024). Driving Sustainable Finance : The Intersection of AI, IoT and Big Data Analytics in Waste Management and Legal Technology for Resource Efficiency. *Research*. doi: 10.13140/RG.2.2.23815.61604

Sholichin, M., Prayogo, T. B., Yuliani, E., Saptatai N.H, A. D., & Ismuyanto, B. (2023, November). Penerapan Kombinasi Sistem Anaerobik dan Aerobik Pada IPAL Pabrik Tahu di Kecamatan Blimbing Kota

- Malang. *Prosiding Sains Nasional dan Teknologi*, 13, 404-413.
doi:10.36499/psnst.v13i1.9692
- Shinta, F. R., Karnaningroem, N., & Mardyanto, M. A. (2019). Risk Management of Wastewater Treatment in the Wastewater Treatment Plant of PT. X. *IPTEK Journal of Proceedings Series*, 0(5), 140. <https://doi.org/10.12962/j23546026.y2019i5.6292>
- Shrivastava, V., Ali, I., Marjub, M. M., Rene, E. R., & Soto, A. M. F. (2022). Wastewater in the food industry: Treatment technologies and reuse potential. *Chemosphere*, 293. <https://doi.org/10.1016/j.chemosphere.2022.133553>
- Srivastava, R. R., Rajak, D. K., Ilyas, S., Kim, H., & Pathak, P. (2023). Challenges, Regulations, and Case Studies on Sustainable Management of Industrial Waste. In *Minerals* (Vol. 13, Issue 1). MDPI. <https://doi.org/10.3390/min13010051>
- Singh, D., Dikshit, A. K., & Kumar, S. (2023). Smart Technological Options in Collection and Transportation of Municipal Solid Waste in Urban Areas: A Mini Review. *Waste Management & research*, 42(1), 3-15. doi:10.1177/0734242X231175816
- Singhirunnusorn, W., & Stenstrom, M. K. (2010). A Critical Analysis Of Economic Factors For Diverse Wastewater Treatment Processes : Case Studies In Thailand. *Environment. Eng. Manage*, 263-268.
- Soufitri, F. (2023). *Buku Ajar : Konsep Sistem Informasi*. Medan: PT Inovasi Pratama Internasional.
- Srivastava, R. R., Rajak, D. K., Ilyas, S., Kim, H., & Pathak, P. (2023). Challenges, Regulations, and Case Studies on Sustainable Management of Industrial Waste. In *Minerals* (Vol. 13, Issue 1). MDPI. <https://doi.org/10.3390/min13010051>
- Subekti, S. (2011). *Pengolahan Limbah Cair Tahu Menjadi Biogas Sebagai Bahan Bakar Alternatif*.
- Sudarmanto, E., Ningsih, S., Moridu, I., Irwansyah, R., Hasbi, I., Pattiapon, M. L., . . . Nurhayati, E. (2021). *Manajemen Risiko*. Bandung:

Widina Bhakti Persada Bandung.

- Sugiarto, E. (2015). *Menyusun Proposal Penelitian Kualitatif Skripsi dan Tesis*. Jakarta: Suaka Media.
- Sugiyono. (2018). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta .
- Suharto, I. (2011). *Limbah Kimia Dalam Pencemaran Udara dan Air*. Yogyakarta: CV. Andi Offset.
- Sulandari, U., Sapei, A., Eriyatno, Faqih, A., & Karlinasari, L. (2021). Sustainable Water Availability Model With Reservoir Technique by Using ISM (Interpretative Structural Modeling) Method in Bangka Island Indonesia. *Plant Archives*, 21(2). <https://doi.org/10.51470/plantarchives.2021.v21.no2.059>
- Sumiyati, S., Syafrudin, Nugraha, M., Hartini, S., Sudarno, Ramadan, B., & Budihardjo, M. (2022). An Overview of Wastewater From Traditional Tofu Industries in Sugihmanik Village, Grobogan Regency and Its Appropriate Treatment Alternative. *The 6th International Conference on Eco Engineering Development 2022 (ICEED 2022)* (pp. 1-7). IOP Conf. Series Earth and Environmental Science. doi:10.51601/ijcs.v2i2.88
- Sunarto, & WN, H. S. (2020). *Buku Saku Analisis Pareto*. Magetan: Prodi Kebidanan Magetan Poltekkes Kemenkes Surabaya.
- Suryantara, I. N. (2024). *Teknologi Imersif : Membangun Teknologi Interaktif dan Kreatif dalam Era Industri 5.0 dan Society 5.0*. (Rafika, Ed.) Jakarta: PT Elex Media Komputindo.
- Suryawan, I. K. (2021, February). A Study of Environmental Impact and Scenario Treatment Using Life Cycle Assessment Approach in Tofu Industry. *EPI International Journal of Engineering*, 4, 7. doi:10.25042/epi-ije.022021.02
- Susilo, J., Kaho, R., & Leo. (2018). *Manajemen Risiko berbasis ISO 31000: 2018 Panduan Untuk Risk leader dan Risk Practicioner*. Jakarta: PT.Grasindo.

- Sutanhaji, A. T., Suharto, B., & Darmawan, A. R. (2021). Evaluasi Kinerja Instalasi Pengolahan Air Limbah (IPAL) Domestik di Inkubator Bisnis Permata Bunda Kota Bontang. *Jurnal Sumberdaya Alam Dan Lingkungan*, 8(2), 65–73. <https://doi.org/10.21776/ub.jsal.2021.008.02.2>
- Tahid, S., & Nurcahyanie, Y. D. (2007). *Konsep Teknologi dalam Pengembangan Produk Industri (Pendekatan Kolaboratif pada Konsep Teknologi dan Desain Produk industri)* (1 ed.). Jakarta: Kencana.
- Tanjung, W. N., Khodijah, R. S., Hidayat, S., Ripmiatin, E., Atikah, S. A., & Asti, S. S. (2019). Supply Chain Risk Management on Wooden Toys Industries by Using House of Risk (HOR) and Analytical Network Process (ANP) Method. *IOP Conference Series: Materials Science and Engineering*, 528(1). <https://doi.org/10.1088/1757-899X/528/1/012086>
- Tušer, I., & Oulehlová, A. (2021). Risk assessment and sustainability of wastewater treatment plant operation. *Sustainability (Switzerland)*, 13(9). <https://doi.org/10.3390/su13095120>
- Ugli, K. M., & Akramovich, K. A. (2024, July). Integration of The International Management System ISO 9001, The ISO 14001 Standard, OHSAS 18001, and The International Standard ISO 31000 Into An Integrated Management System. *World Bulltein of Management and Law (WBML)*, 36, 28-34.
- Urbaniec, M., Tomala, J., & Martinez, S. (2021). Measurements and Trends in Technological Eco-Innovation : Evidence from Environment-Related Patents. *Resources*, 1-17. doi:10.3390/resources10070068
- Wakhyudi, T., Sayuti, M., & Karnadi, K. (2024). Analisis Mitigasi Risiko Kecelakaan Kerja Divisi AC pada Perusahaan Elektronik di Karawang dengan Menerapkan Metode HOR dan ISM. *Journal of Integrated System*, 7(1), 83–97. <https://doi.org/10.28932/jis.v7i1.9154>

- Widiyanto, A., Masduqi A, A., & Otok, B. (2023). Redesigning the Wastewater Treatment Plant for the Tofu Industry in Ledok Kulon Village, Bojonegoro Regency. *IOP Conference Series : Earth and Environmental Science*, (pp. 1-7). doi:10.1088/1755-1315/1239/1/012010
- Woodard, F. (2001). *Industrial Waste Treatment Handbook*. America: British Library.
- Yanwardhana, E. (2022). *Gawat! Harga Kedelai Ngamuk, 0 Ribu Perajin Tempe Tahu Tutup*. CNBC Indonesia.
- Yazo-Cabuya, E. J., Ibeas, A., & Herrera-Cuartas, J. A. (2024). Integrating Sustainability into Risk Management through Analytical Network Process. *Sustainability (Switzerland)*, 16(6). <https://doi.org/10.3390/su16062384>
- Yulia, A., Helard, D., & Bachtiar, V. S. (2022). Analysis of Sanitation Technology for Waste Management and Drainage Using the Analytical Hierarchy Process (AHP) Method in Bangko City. *International Journal of Research in Vocational Studies (IJRVOCAS)*, 83-86. doi:10.53893
- Zahrina, I., Yenie, E., & Eriyati. (2022). Application Of Wastewater Treatment Technology in Tofu Industry, Pekanbaru City. *International Journal Of Community Service*, 223-229. doi:10.51601/ijcs.v2i2.88
- Zalfain, M., Noerhayati, E., & Rahmawati, A. (2024). Mitigating Environmental Pollution From Tofu Industry Wastewater : Case of Suyanto Tofu Factory Mojokerto. *Applied Environmental Science*, 2(1), 31-48. doi:10.61511/aes.v2i1.2024.819
- Zunidra, Z., Sondang, S., & Supriatna, S. (2022). Treatment of Tofu Liquid Waste Using Anaerobic-Aerobic Biofilm Aeration System to Reduce Pollution. *Environmental Health Engineering and Management Journal*, 391-397. doi:10.34172/EHEM.2022.42