DAFTAR PUSTAKA

1. Pilapitiya NT, Ratnayake AS. The world of plastic waste: A review. Cleaner Materials2024;11.
2. IUCN ©. Issues Brief : Plastic Polution [Internet]. Gland: 2024. Available from: www.iucn.org/issues-briefs
3. McGlade J, Fahim IS, Green D, Landrigan P. From Pollution to Solution A Global Assessment of Marine Litter and Plastic Production [Internet]. United Nation Environment Programme (UNEP); 2021. Available from: https://www.unep.org/
4. Cottom JW, Cook E, Velis CA. A local-to-global emissions inventory of macroplastic pollution. Nature 2024;633(8028):101–8.
5. Iskandar MI, Artha RP, Anindita SF. Tren Produksi dan Konsumsi Plastik di Indonesia. Jakarta: 2023.
6. World Bank. Plastic Waste Discharges from Rivers and Coastlines in Indonesia. Marine Plastics Series, East Asia and Pacific Region [Internet]. Washington DC: 2021. Available from: www.worldbank.org
7. Jaafarzadeh N, Reshadatian N, Feyzi Kamareh T, Sabaghan M, Feizi R, Jorfi S. Study of the litter in the urban environment as primary and secondary microplastics sources. Sci Rep 2024;14(1).
8. Zhang K, Hamidian AH, Tubić A, Zhang Y, Fang JKH, Wu C, dkk. Understanding plastic degradation and microplastic formation in the environment: A review. Environmental Pollution2021;274.
9. Vithanage M, Vara MN. Microplastics in the Ecosphere. Pondicherry: John Wiley & Sons Ltd; 2023.
10. Arthur C, Baker J, Bamford H. Proceedings of the International Research Workshop on the Occurrence, Effects, and Fate of Microplastic Marine Debris [Internet]. Tacoma: NOAA Technical Memorandum NOS-OR&R-30; 2009. Available from: www.MarineDebris.noaa.gov
11. Song J, Wang C, Li G. Defining Primary and Secondary Microplastics: A Connotation Analysis. ACS ES and T Water2024;4(6):2330–2.
12. Besseling C, Biginagwa FJ, Brennholt N, Christensen TB, Dimzon IK, Dris R, dkk. Freshwater Microplastics; Emerging Environmental Contaminants? [Internet]. Cham: Springer Nature; 2018. Available from: http://www.springer.com/series/698
13. Koelmans AA, Mohamed Nor NH, Hermsen E, Kooi M, Mintenig SM, De France J. Microplastics in freshwaters and drinking water: Critical review and assessment of data quality. Water Res2019;155:410–22.
14. Huang J, Chen H, Zheng Y, Yang Y, Zhang Y, Gao B. Microplastic pollution in soils and groundwater: Characteristics, analytical methods and impacts. Chemical Engineering Journal 2021;425.
15. Severini E, Ducci L, Sutti A, Robottom S, Sutti S, Celico F. River–Groundwater Interaction and Recharge Effects on Microplastics Contamination of Groundwater in Confined Alluvial Aquifers. Water (Switzerland) 2022;14(12).
16. Barceló D, Picó Y, Alfarhan AH. Microplastics: Detection in human samples, cell line studies, and health impacts. Environ Toxicol Pharmacol 2023;101.
17. Howard G, Bartram J, Williams A, Overbo A, Fuente D, Geere JA. Domestic water quantity, service level and health Second edition. 2020.

18. Penyakit Tidak Menular Indonesia. Berapa takaran air yang harus Anda minum? [Internet]. Kementrian Kesehatan RI2019 [dikutip 2025 Mar 5];Available from: https://p2ptm.kemkes.go.id/infographic-p2ptm/stress/page/12/berapa-takaran-air-yang-harus-anda-minum
19. Pivokonsky M, Cermakova L, Novotna K, Peer P, Cajthaml T, Janda V. Occurrence of microplastics in raw and treated drinking water. Science of The Total Environment 2018;643:1644–51.
20. Kosuth M, Mason SA, Wattenberg E V. Anthropogenic contamination of tap water, beer, and sea salt. PLoS One 2018;13(4):e0194970.
21. Lee JY, Cha J, Ha K, Viaroli S. Microplastic pollution in groundwater: a systematic review. Environmental Pollutants and Bioavailability2024;36(1).
22. Zhao X, You F. Microplastic Human Dietary Uptake from 1990 to 2018 Grew across 109 Major Developing and Industrialized Countries but Can Be Halved by Plastic Debris Removal. Environ Sci Technol 2024;58(20):8709–23.
23. Budiarti EC. Identifikasi Mikroplastik pada Feses Manusia. Environmental Pollution Journal [Internet] 2021;1(2):84–100. Available from: https://journalecoton.id/index.php/epj
24. Emenike EC, Okorie CJ, Ojeyemi T, Egbemhenghe A, Iwuozor KO, Saliu OD, dkk. From oceans to dinner plates: The impact of microplastics on human health. Heliyon2023;9(10).
25. Li Y, Tao L, Wang Q, Wang F, Li G, Song M. Potential Health Impact of Microplastics: A Review of Environmental Distribution, Human Exposure, and Toxic Effects. Environment and Health2023;1(4):249–57.
26. Campanale C, Massarelli C, Savino I, Locaputo V, Uricchio VF. A detailed review study on potential effects of microplastics and additives of concern on human health. Int J Environ Res Public Health2020;17(4).
27. Niccolai E, Colzi I, Amedei A. Adverse Effects of Micro- and Nanoplastics on Humans and the Environment. Int J Mol Sci2023;24(21).
28. Lee Y, Cho J, Sohn J, Kim C. Health Effects of Microplastic Exposures: Current Issues and Perspectives in South Korea. Yonsei Med J2023;64(5):301–8.
29. Vandenberg LN, Luthi D, Quinerly DA. Plastic bodies in a plastic world: multi-disciplinary approaches to study endocrine disrupting chemicals: We dedicate this manuscript in memory of Dr. Theo Colborn: mentor, colleague and friend. J Clean Prod 2017;140:373–85.
30. Badan Pusat Statistik Indonesia. Distribusi Persentase Rumah Tangga Menurut Provinsi dan Sumber Air Minum [Internet]. 2023 [dikutip 2025 Mar 4];Available from: https://www.bps.go.id/id/statistics-table/3/YzBaMlduSlFVbTVrUnpWeU9YRTJka0pVTTFkU1FUMDkjMw==/distribusi-persentase-rumah-tangga-menurut-provinsi-dan-sumber-air-minum--2023.html?year=2023
31. Lestari, Thoriq Z. Kualitas Air Sumur-Sumur Penduduk di Kelurahan Jati Pulogadung Jakarta Timur. Jurnal Petro [Internet] 2017;6:2017. Available from: http://trijurnal.lemlit.trisakti.ac.id/index.php/petro
32. Wilyalodia HC, Moersidik SS, Pratama MA. Microplastic Contamination in Urban Groundwater: A Case Study From Jakarta Megacity, Indonesia. The Scientific World Journal [Internet] 2024;2024(1). Available from: https://onlinelibrary.wiley.com/doi/10.1155/tswj/1870706
33. Cahyaningrum PS, Sari GL. Identifikasi Kelimpahan Mikroplastik pada Air Tanah di Kabupaten Karawang, Indonesia. Infomatek [Internet]

2024;26(2):175–82. Available from: https://journal.unpas.ac.id/index.php/infomatek/article/view/18999
34. Bustamar A, Nasution AF, Febriwariz N, Irsal M, Sari N, Suwandi. Aksi Pulihkan Batang Arau; Observasi Persoalan Sampah dan Assessment Kebijakan Pengelolaan Sampah di Sepanjang Batang Arau. Padang: 2022.
35. Badan Pusat Statistik Provinsi Sumatera Barat. Persentase Rumah Tangga Menurut Kabupaten/Kota dan Sumber Air Minum Utama [Internet]. 2024 [dikutip 2025 Feb 4];Available from: https://sumbar.bps.go.id/id/statistics-table/2/NDkwIzI=/persentase-rumah-tangga-menurut-kabupaten-kota-dan-sumber-air-minum-utama.html
36. Rushdi I, Mohd W, Wan K, Zin M, Hamzah S, Tuan Anuar S. Microplastics in the Environment: Properties, Impacts and Removal Strategies [Internet]. Available from: https://www.researchgate.net/publication/377805452
37. Zhang K, Hamidian AH, Tubić A, Zhang Y, Fang JKH, Wu C, dkk. Understanding plastic degradation and microplastic formation in the environment: A review. Environmental Pollution2021;274.
38. Bergmann M, Gutow L, Klages M. Marine Anthropogenic Litter. Bremerhaven: Springer International Publishing Cham; 2015.
39. Osman AI, Hosny M, Eltaweil AS, Omar S, Elgarahy AM, Farghali M, dkk. Microplastic sources, formation, toxicity and remediation: a review. Environ Chem Lett2023;21(4):2129–69.
40. GESAMP. Guidelines for the Monitoring and Assessment of Plastic Litter in the Ocean [Internet]. 2019. Available from: http://gesamp.org
41. Marrone A, La Russa MF, Randazzo L, La Russa D, Cellini E, Pellegrino D. Microplastics in the center of mediterranean: Comparison of the two calabrian coasts and distribution from coastal areas to the open sea. Int J Environ Res Public Health 2021;18(20).
42. Grigorescu RM, Grigore ME, Iancu L, Ghioca P, Ion RM. Waste electrical and electronic equipment: A review on the identification methods for polymeric materials. Recycling2019;4(3).
43. Vdovchenko A, Resmini M. Mapping Microplastics in Humans: Analysis of Polymer Types, and Shapes in Food and Drinking Water—A Systematic Review. Int J Mol Sci2024;25(13).
44. Nawab A, Ahmad M, Khan MT, Nafees M, Khan I, Ihsanullah I. Human exposure to microplastics: A review on exposure routes and public health impacts. Journal of Hazardous Materials Advances 2024;16.
45. Pironti C, Ricciardi M, Motta O, Miele Y, Proto A, Montano L. Microplastics in the environment: Intake through the food web, human exposure and toxicological effects. Toxics2021;9(9).
46. Barboza LGA, Dick Vethaak A, Lavorante BRBO, Lundebye AK, Guilhermino L. Marine microplastic debris: An emerging issue for food security, food safety and human health. Mar Pollut Bull2018;133:336–48.
47. Danopoulos E, Jenner L, Twiddy M, Rotchell JM. Microplastic contamination of salt intended for human consumption: a systematic review and meta-analysis. SN Appl Sci2020;2(12).
48. Zhang Q, Xu EG, Li J, Chen Q, Ma L, Zeng EY, dkk. A Review of Microplastics in Table Salt, Drinking Water, and Air: Direct Human Exposure. Environ Sci Technol2020;54(7):3740–51.

49. Pivokonsky M, Cermakova L, Novotna K, Peer P, Cajthaml T, Janda V. Occurrence of microplastics in raw and treated drinking water. Science of the Total Environment 2018;643:1644–51.
50. Prata JC. Airborne microplastics: Consequences to human health? Environmental Pollution2018;234:115–26.
51. Vianello A, Jensen RL, Liu L, Vollertsen J. Simulating human exposure to indoor airborne microplastics using a Breathing Thermal Manikin. Sci Rep 2019;9(1).
52. Li L, Zhao X, Li Z, Song K. COVID-19: Performance study of microplastic inhalation risk posed by wearing masks. J Hazard Mater 2021;411.
53. Domenech J, Marcos R. Pathways of human exposure to microplastics, and estimation of the total burden. Curr Opin Food Sci2021;39:144–51.
54. Zhao B, Rehati P, Yang Z, Cai Z, Guo C, Li Y. The potential toxicity of microplastics on human health. Science of the Total Environment2024;912.
55. Wright SL, Kelly FJ. Plastic and Human Health: A Micro Issue? Environ Sci Technol 2017;51(12):6634–47.
56. Wang YF, Wang XY, Chen BJ, Yang YP, Li H, Wang F. Impact of microplastics on the human digestive system: From basic to clinical. World J Gastroenterol2025;31(4).
57. Zha H, Lv J, Lou Y, Wo W, Xia J, Li S, dkk. Alterations of gut and oral microbiota in the individuals consuming take-away food in disposable plastic containers. J Hazard Mater 2023;441:129903.
58. Sözener ZC, Cevhertas L, Nadeau K, Akdis M, Akdis CA. Environmental factors in epithelial barrier dysfunction. Journal of Allergy and Clinical Immunology 2020;145(6):1517–28.
59. Cheng LK, O'Grady G, Du P, Egbuji JU, Windsor JA, Pullan AJ. Gastrointestinal system. WIREs Systems Biology and Medicine 2010;2(1):65–79.
60. Hirt N, Body-Malapel M. Immunotoxicity and intestinal effects of nano- and microplastics: a review of the literature. Part Fibre Toxicol2020;17(1).
61. Liang B, Zhong Y, Huang Y, Lin X, Liu J, Lin L, dkk. Underestimated health risks: polystyrene micro- and nanoplastics jointly induce intestinal barrier dysfunction by ROS-mediated epithelial cell apoptosis. Part Fibre Toxicol 2021;18(1).
62. Odenwald MA, Turner JR. The intestinal epithelial barrier: a therapeutic target? Nat Rev Gastroenterol Hepatol 2017;14(1):9–21.
63. Horvatits T, Tamminga M, Liu B, Sebode M, Carambia A, Fischer L, dkk. Microplastics detected in cirrhotic liver tissue. EBioMedicine [Internet] 2022;82. Available from: https://doi.org/10.1016/j.
64. Deng Y, Zhang Y, Lemos B, Ren H. Tissue accumulation of microplastics in mice and biomarker responses suggest widespread health risks of exposure. Sci Rep 2017;7.
65. Nur HMN, Kooi M, Diepens NJ, Koelmans AA. Lifetime Accumulation of Microplastic in Children and Adults. Environ Sci Technol 2021;55(8):5084–96.
66. Fan X, Wei X, Hu H, Zhang B, Yang D, Du H, dkk. Effects of oral administration of polystyrene nanoplastics on plasma glucose metabolism in mice. Chemosphere 2022;288:132607.
67. Prata JC. Airborne microplastics: Consequences to human health? Environmental Pollution2018;234:115–26.

68. Kwon W, Kim D, Kim HY, Jeong SW, Lee SG, Kim HC, dkk. Microglial phagocytosis of polystyrene microplastics results in immune alteration and apoptosis in vitro and in vivo. Science of The Total Environment 2022;807:150817.
69. Liang B, Huang Y, Zhong Y, Li Z, Ye R, Wang B, dkk. Brain single-nucleus transcriptomics highlights that polystyrene nanoplastics potentially induce Parkinson's disease-like neurodegeneration by causing energy metabolism disorders in mice. J Hazard Mater 2022;430:128459.
70. Wang M, Wu Y, Li G, Xiong Y, Zhang Y, Zhang M. The hidden threat: Unraveling the impact of microplastics on reproductive health. Science of The Total Environment 2024;935:173177.
71. Zurub RE, Cariaco Y, Wade MG, Bainbridge SA. Microplastics exposure: implications for human fertility, pregnancy and child health. Front Endocrinol (Lausanne)2023;14.
72. Sun H, Chen N, Yang X, Xia Y, Wu D. Effects induced by polyethylene microplastics oral exposure on colon mucin release, inflammation, gut microflora composition and metabolism in mice. Ecotoxicol Environ Saf 2021;220.
73. Ullah S, Ahmad S, Guo X, Ullah S, Ullah S, Nabi G, dkk. A review of the endocrine disrupting effects of micro and nano plastic and their associated chemicals in mammals. Front Endocrinol (Lausanne)2023;13.
74. Lamichhane G, Acharya A, Marahatha R, Modi B, Paudel R, Adhikari A, dkk. Microplastics in environment: global concern, challenges, and controlling measures. International Journal of Environmental Science and Technology2023;20(4):4673–94.
75. Mao X, Xu Y, Cheng Z, Yang Y, Guan Z, Jiang L, dkk. The impact of microplastic pollution on ecological environment: a review. Frontiers in Bioscience - Landmark2022;27(2).
76. Haque F, Fan C. Fate and Impacts of Microplastics in the Environment: Hydrosphere, Pedosphere, and Atmosphere. Environments - MDPI2023;10(5).
77. Retnosuryandari. Teknologi dan Krisis Air. Pusat Studi Lingkungan Hidup Universitas Gadjah Mada2022;
78. Farhan A, Cintya Lauren C, Fuzain NA. Analisis Faktor Pencemaran Air dan Dampak Pola Konsumsi Masyarakat di Indonesia. 2023.
79. Anggorowati D, Hanugroho PD, Idhayanti R, Pracaya S. Water Pollution Identification and Mitigation at Several Points of Bengawan Solo River. Journal of Global Environmental Dynamics [Internet] 2021;2(1):1–3. Available from: https://jurnal.uns.ac.id/jged/index
80. Pemerintah Pusat. Peraturan Pemerintah Republik Indonesia Nomor 22 Tahun 2021. Jakarta, Indonesia: LN.2021/No.32, TLN No.6634, jdih.setkab.go.id : 374 hlm.; 2021.
81. Indonesia KK. Peraturan Menteri Kesehatan Nomor 2 Tahun 2023 tentang Peraturan Pelaksanaan Peraturan Pemerintah Nomor 66 Tahun 2014 tentang Kesehatan Lingkungan [Internet]. Indonesia: BN.2023/No.55, peraturan.go.id: 26 hlm.; 2023. Available from: www.peraturan.go.id
82. Andarini C, Rahmadini L, Qatrunnada AT, Tarita EP, Aprilianty MB. Peran Uni Eropa Dalam Menangani Pencemaran Air Akibat Limbah Industri Tekstil Terhadap Ekosistem Perairan. 2023;8(1). Available from: https://journal.uwgm.ac.id/index.php/fisipublik

83. Hannan IA, Eka Witrie S, Prasetya Adi N. Dampak Pencemaran Air Akibat Limbah Industri Batik Printing di Kecamatan Pekalongan Utara Terhadap Kualitas Air Sungai. Gudang Jurnal Multidisiplin Ilmu 2024;2(8):34–42.
84. Pagoray H, Sulistyawati S, Fitriyani F. Limbah Cair Industri Tahu dan Dampaknya Terhadap Kualitas Air dan Biota Perairan. Jurnal Pertanian Terpadu 2021;9(1):53–65.
85. Indriyani AR, Sudarti, Yushardi. Analisis Limbah Pencemaran Air Sungai di Kota dan Desa. Jurnal Pendidikan Fisika 2024;8(1):28–34.
86. Kadim MK, Sudaryanti S, Yuli E. Pencemaran Residu Pestisida di Sungai Umbulrejo Kecamatan Dampit Kabupaten Malang. Jurnal Manusia dan Lingkungan 2013;20(3).
87. Maha IK, Susilawati. Dampak Pencemaran Lingkungan Terhadap Kesehatan Masyarakat Pesisir. Zahra: Journal Of Health And Medical Research 2023;3(Oktober):315–22.
88. Ramadita F, Risky NA, Hakim L, Maharika IF. Studi Kualitas Bakteriologis Air Sumur Gali pada Kawasan Permukiman Menggunakan Biosensor TECTATM B16 (Studi Kasus: Dusun Blimbingsari dan Dusun Wonorejo, Kabupaten Sleman Yogyakarta). Jurnal Sains dan Teknologi Lingkungan 2014;6:38–47.
89. Badan Peneliti dan Pengembangan Kementrian PUPR. Panduan Pembangunan Perumahan dan Permukiman Perdesaan SUMUR GALI. Jakarta: Kementrian Pekerjaan Umum dan Perumahan Rakyat; 2016.
90. Putra SA. Analisa Dampak Sumur Dalam Terhdap Muka Air Tanah dan Ekonomi Sosial Masyarakat. Jurnal Teknik Sipil Dan Arsitektur 2022;27(1):2807–9418.
91. Indonesia KE dan SDM. Peraturan Menteri Energi dan Sumber Daya Mineral Nomor 31 Tahun 2018 tentang Pedoman Penetapan Zona Konservasi Air Tanah. Indonesia: BN 2018/ NO 733; PERATURAN.GO.ID : 7 HLM; 2018.
92. Badan Standardisasi Nasional (BSN). Spesifikasi Konstruksi Sumur Bor Produksi Air Tanah untuk Kapasitas 150 liter per menit sampai dengan 300 liter per menit. 2000.
93. Singh S, Bhagwat A. Microplastics: A potential threat to groundwater resources. Groundw Sustain Dev2022;19.
94. Frei S, Piehl S, Gilfedder BS, Löder MGJ, Krutzke J, Wilhelm L, dkk. Occurence of microplastics in the hyporheic zone of rivers. Sci Rep 2019;9(1).
95. Direktorat Jenderal PP dan PL. Pedoman Analisis Risiko Kesehatan Lingkungan (ARKL). 2012;
96. Firdani F, Gusti A. Buku Ajar Analisis Risiko Kesehatan Lingkungan (ARKL). Padang: LPPM - Universitas Andalas; 2021.
97. Abdullah K, Misbahul J, Aiman U, Hasda S, Fadilla Z, Taqwin, dkk. Metodologi Penelitian Kuantitatif [Internet]. Pidie: Yayasan Penerbit Muhammad Zaini; 2021. Available from: http://penerbitzaini.com
98. Basri S, Bujawati E, Amansyah M, Habibi, Samsiana. Analisis Risiko Kesehatan Lingkungan. Jurnal Kesehatan 2014;7(2).
99. Lithner D, Larsson A, Dave G. Environmental and health hazard ranking and assessment of plastic polymers based on chemical composition. Science of the Total Environment 2011;409(18):3309–24.
100. Priya KL, Iqbal S, Archana AR, Gopika B, Mina M, Haddout S, dkk. Implications of solid waste dumps on the microplastic abundance in groundwater in Kollam, India. J Environ Manage 2023;348:119224.

101. Panno S V., Kelly WR, Scott J, Zheng W, McNeish RE, Holm N, dkk. Microplastic Contamination in Karst Groundwater Systems. Groundwater 2019;57(2):189–96.
102. An X, Li W, Lan J, Adnan M. Preliminary Study on the Distribution, Source, and Ecological Risk of Typical Microplastics in Karst Groundwater in Guizhou Province, China. Int J Environ Res Public Health 2022;19(22).
103. Wilyalodia HC, Moersidik SS, Pratama MA. Microplastic Contamination in Urban Groundwater: A Case Study From Jakarta Megacity, Indonesia. The Scientific World Journal [Internet] 2024;2024(1). Available from: https://onlinelibrary.wiley.com/doi/10.1155/tswj/1870706
104. Indonesia KK. Peraturan Menteri Kesehatan Indonesia Nomor 25 Tahun 2016 tentang Rencana Aksi Nasional Kesehatan Lanjut Usia Tahun 2016-2019 [Internet]. Jakarta, Indonesia: 2016 [dikutip 2025 Jul 23]. Available from: https://peraturan.bpk.go.id/Download/104006/Permenkes%20Nomor%2025%20Tahun%202016.pdf
105. Badan Standarisasi Nasional. SNI 6989.58:2008 Air dan Air Limbah – Bagian 58: Metode Pengambilan Sampel Air Tanah . 2008;
106. Kameda Y, Morita M, Nihei Y, Tanaka S. Guidelines for River Microplastic Monitoring Methods. Japan: 2021.
107. Circelli L, Cheng Z, Garwood E, Yuksel K, Di Iorio E, Angelico R, dkk. Comparison of ATR-FTIR and NIR spectroscopy for identification of microplastics in biosolids. Science of the Total Environment 2024;916.
108. Senathirajah K, Attwood S, Bhagwat G, Carbery M, Wilson S, Palanisami T. Estimation of the mass of microplastics ingested – A pivotal first step towards human health risk assessment. J Hazard Mater 2021;404:124004.
109. Tang KHD, Li R, Li Z, Wang D. Health risk of human exposure to microplastics: a review. Environ Chem Lett2024;22(3):1155–83.
110. Priadana S, Sunarsi D. Metode Penelitian Kuantitatif. Tangerang: Pascal Books; 2021.
111. Setyawan DA. Statistika Kesehatan Analisis Bivariat pada Hipotesis Penelitian. Surakarta: Tahta Media; 2022.
112. Utami I, Liani M. Identifikasi Mikroplastik pada Air Sumur Gali di sekitar TPA Piyungan Yogyakarta. Jurnal Riset Daerah 2021;XXI(3):4003–14.
113. Natsir MF, Selomo M, Ibrahim E, Arsin AA, Alni NC. Analysis on microplastics in dug wells around Tamangapa Landfills, Makassar City, Indonesia. Gac Sanit 2021;35:S87–9.
114. Napper IE, Wright LS, Barrett AC, Parker-Jurd FNF, Thompson RC. Potential microplastic release from the maritime industry: Abrasion of rope. Science of the Total Environment 2022;804.
115. Song YK, Hong SH, Jang M, Han GM, Jung SW, Shim WJ. Combined Effects of UV Exposure Duration and Mechanical Abrasion on Microplastic Fragmentation by Polymer Type. Environ Sci Technol 2017;51(8):4368–76.
116. Warlina L. Pengelolaan Sampah Plastik untuk Mitigasi Bencana Lingkungan. Yogyakarta: 2019.
117. Kooi M, Koelmans AA. Simplifying Microplastic via Continuous Probability Distributions for Size, Shape,and Density. Environ Sci Technol Lett 2019;6(9):551–7.
118. Rushdi I, Mohd W, Wan K, Zin M, Hamzah S, Tuan Anuar S. Microplastics in the Environment: Properties, Impacts and Removal Strategies. Malaysian

Journal of Analytical Science [Internet] 2023;27(6):1216–35. Available from: https://www.researchgate.net/publication/377805452

119. Mammo FK, Amoah ID, Gani KM, Pillay L, Ratha SK, Bux F, dkk. Microplastics in the environment: Interactions with microbes and chemical contaminants. Science of the Total Environment2020;743.
120. Samandra S, Johnston JM, Jaeger JE, Symons B, Xie S, Currell M, dkk. Microplastic contamination of an unconfined groundwater aquifer in Victoria, Australia. Science of the Total Environment 2022;802.
121. Mason SA, Welch VG, Neratko J. Synthetic Polymer Contamination in Bottled Water. Front Chem 2018;6.
122. Andrady AL, Neal MA. Applications and societal benefits of plastics. Philosophical Transactions of the Royal Society B: Biological Sciences 2009;364(1526):1977–84.
123. Wu B, Li LW, Zu YX, Nan J, Chen XQ, Sun K, dkk. Microplastics contamination in groundwater of a drinking-water source area, northern China. Environ Res 2022;214:114048.
124. Viaroli S, Lancia M, Lee JY, Ben Y, Giannecchini R, Castelvetro V, dkk. Limits, challenges, and opportunities of sampling groundwater wells with plastic casings for microplastic investigations. Science of the Total Environment 2024;946.
125. Hussain KA, Romanova S, Okur I, Zhang D, Kuebler J, Huang X, dkk. Assessing the Release of Microplastics and Nanoplastics from Plastic Containers and Reusable Food Pouches: Implications for Human Health. Environ Sci Technol 2023;57(26):9782–92.
126. Liu G, Wang J, Wang M, Ying R, Li X, Hu Z, dkk. Disposable plastic materials release microplastics and harmful substances in hot water. Science of The Total Environment 2022;818:151685.
127. Arsyad G, Ratih GAM, Darmawati, Habibah N, Pandean MM, Simorangkir DM, dkk. Toksikologi [Internet]. Kabupaten Cilacap: PT Media Pustaka Indo; 2024. Available from: www.mediapustakaindo.com
128. Musfirah, Rangkuti AF. The Lead Exposure Risk Due to Wells Water Consumption in Code Riverside Community, Yogyakarta City. Kemas 2019;14(3):318–25.
129. Ardhaneswari M, Wispriyono B. Analisis Risiko Kesehatan Akibat Pajanan Senyawa Nitrat dan Nitrit Pada Air Tanah di Desa Cihambulu Subang. Jurnal Kesehatan Lingkungan Indonesia 2022;21(1):65–72.
130. Arlinda S. Analisis Risiko Kandungan Timbal (Pb) pada Air Sumur Kawasan Pertanian di Kenagarian Simpang Tanjung Nan IV Kabupaten Solok. Jurnal Sehat Mandiri 2023;18(2).
131. Izza N, Karbito K, Fikri A, Masra F. Analisis Risiko Kesehatan Lingkungan (2025) Pajanan Mangan (Mn) pada Air Sumur Gali Masyarakat Sebagai Sumber Air Minum. MJ (Midwifery Journal) 2025;5(2):41–9.
132. Dewi SN, Joko T, Dewanti AY. Analisis Risiko Kesehatan Lingkungan Pencemaran Nitrat (NO3) pada Air Sumur Gali di Kawasan Pertanian Desa Tumpukan Kecamatan Karangdowo Kabupaten Klaten. Jurnal Kesehatan Masyarakat [Internet] 2016;4:2356–3346. Available from: http://ejournal-s1.undip.ac.id/index.php/jkm
133. Daud A, Ishak H, Ibrahim E, Basir B, Bintara Birawida A, Syam RC, dkk. Environmental Health Risk of Microplastics Due to Consumption of Fish and

Shellfish in the Coastal Area [Internet]. 2024. Available from: https://creativecommons.org/licenses/by-nc/4.0/

134. Arwikana AA, Ma'rufi I, Nurika G. Microplastic Contamination in Well Water in Coastal Area of Jember Regency: Study of Characteristics, Abundance, and Potential Causal Factors. Jurnal Kesehatan Lingkungan 2025;17(1):1–11.
135. Natsir MF, Amaludin, Rasyid B, Arsin AA. Microplastic contamination in refilled drinking water: The impact of gallon washing frequency. Journal of Ecological Engineering (JEE) 2025;26(12).
136. Tri Wahyuni R, Nurika G. Study of Microplastic Concentrations at the Drinking Water Depot in Sumbersari Village, Jember Regency. JURNAL KESEHATAN LINGKUNGAN: Jurnal dan Aplikasi Teknik Kesehatan Lingkungan 2024;21(1):125–34.
137. Liu Z, Bacha AUR, Yang L. Control strategies for microplastic pollution in groundwater. Environmental Pollution2023;335.
138. InnopackAdmin. PP or HDPE, A Guide in Plastic Buckets Manufacturing [Internet]. Innopack2024 [dikutip 2025 Agu 20];Available from: https://www.innopack.com/pp-or-hdpe-a-guide-in-plastic-buckets-manufacturing/
139. Weinstein JE, Crocker BK, Gray AD. From macroplastic to microplastic: Degradation of high-density polyethylene, polypropylene, and polystyrene in a salt marsh habitat. Environ Toxicol Chem 2016;35(7):1632–40.
140. Simon-Sánchez L, Vianello A, Kirstein I V., Molazadeh MS, Lorenz C, Vollertsen J. Assessment of microplastic pollution and polymer risk in the sediment compartment of the Limfjord, Denmark. Science of the Total Environment 2024;950.
141. Zhuang J, Chen Q, Xu L, Chen X. Combined exposure to polyvinyl chloride and polystyrene microplastics induces liver injury and perturbs gut microbial and serum metabolic homeostasis in mice. Ecotoxicol Environ Saf 2023;267.
142. Tamargo A, Molinero N, Reinosa JJ, Alcolea-Rodriguez V, Portela R, Bañares MA, dkk. PET microplastics affect human gut microbiota communities during simulated gastrointestinal digestion, first evidence of plausible polymer biodegradation during human digestion. Sci Rep 2022;12(1).
143. Djouina M, Vignal C, Dehaut A, Caboche S, Hirt N, Waxin C, dkk. Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice. Environ Res 2022;212:113230.
144. Jia R, Han J, Liu X, Li K, Lai W, Bian L, dkk. Exposure to Polypropylene Microplastics via Oral Ingestion Induces Colonic Apoptosis and Intestinal Barrier Damage through Oxidative Stress and Inflammation in Mice. Toxics 2023;11(2):127.
145. Drummond JD, Nel HA, Packman AI, Krause S. Significance of Hyporheic Exchange for Predicting Microplastic Fate in Rivers. Environ Sci Technol Lett 2020;7(10):727–32.