



DAFTAR PUSTAKA

- F. (2009). Manajemen Penyakit Lingkungan Berbasis Wilayah. *Jurnal Manajemen Pelayanan Kesehatan*, 11(02), 72–76.
- Adil, A. (2017). *Sistem Informasi Geografis*. Andi.
- Anindhita, E. K., Natalia, D., & Fitriangga, A. (2017). Pengaruh Pola Perubahan Cuaca terhadap Tingkat Kejadian Malaria di Kabupaten Kapuas Hulu Tahun 2013 dan 2014. *Jurnal Cerebellum*, 3, 680–688.
- Apriliani. (2021). *Analisis Faktor Risiko Kejadian Malaria di Indonesia (Analisis Data Riskesdas 2018)*. Universitas Islam Negeri Sumatera Utara.
- Arab, A., Jackson, M. C., & Kongoli, C. (2019). Modelling the effects of weather and climate on malaria distributions in West Africa. *Malaria Journal*, 13(1), 1–9. <https://doi.org/10.1186/1475-2875-13-126>
- Arsin, A. A. (2012a). *Malaria Di Indonesia: Tinjauan Aspek Epidemiologi*. Masegena Press.
- Arsin, A. A. (2012b). Malaria di Indonesia Tinjauan Aspek Epidemiologi. In *Masagena Press makasar*. Masagena Press. <https://doi.org/10.1532/HSF98.S001S119>
- Arsin, A. A., Syamsiar, S. R., Nurdin, A., Rezki, E., Pulubuhu, T., Aries, D., & Andi, U. (2020). Identification and strengthening of positive deviance : An efforts to reduce the incidence of malaria in Selayar islands &. *Enfermería Clínica*, 30, 528–532. <https://doi.org/10.1016/j.enfcli.2019.07.153>
- Astrini, R., & Oswald, P. (2012). *Modul Pelatihan Quantum GIS Tingkat Dasar*. Bappeda.
- Ateba, F. F., Sagara, I., Sogoba, N., Touré, M., Konaté, D., Diawara, S. I., Diakité, S. A. S., Diarra, A., Coulibaly, M. D., Dolo, M., Dolo, A., Sacko, A., Thiam, S. M., Sissako, A., Sangaré, L., Diakité, M., Koita, O. A., Cissoko, M., Traore, S. F., Gaudart, J. (2020). Spatio-temporal dynamic of malaria incidence: A comparison of two ecological zones in Mali. *International Journal of Environmental Research and Public Health*, 17(13), 1–21. <https://doi.org/10.3390/ijerph17134698>
- Atieli, H. E., Zhou, G., Lee, M. C., Kweka, E. J., Afrane, Y., Mwanzo, I., Githeko, A. K., & Yan, G. (2011). Topography as a modifier of breeding habitats and concurrent vulnerability to malaria risk in the western Kenya highlands. *Parasites and Vectors*, 4(1), 1–12. <https://doi.org/10.1186/1756-3305-4-241>
- Bailey, T. C. (2001). Spatial Statistical Methods in Health. *Cadernos de Saúde Pública / Ministério Da Saúde, Fundação Oswaldo Cruz, Escola Nacional de Saúde Pública*, 17(5), 1083–1098. <https://doi.org/10.1590/S0102-311X2001000500011>
- Bunmi, O., Shariman, Z., Termizi, M., Haziqah, F., Simon-oke, I. A., & Fakunle, C. (2021). A Cross-Sectional Study of the Prevalence , Density , and Risk Factors Associated with Malaria Transmission in Urban Communities of Ibadan ,



Western Nigeria. *Heliyon*, 7(August 2020), e05975.
doi.org/10.1016/j.heliyon.2021.e05975

1. Malaria.

- CDC. (2024). *Life Cycle of Anopheles Mosquitoes*. Centre for Disease Control and Prevention.
- Chilot, D., Mondelaers, A., Alem, A. Z., Asres, M. S., Yimer, M. A., Toni, A. T., & Ayele, T. A. (2023). Pooled prevalence and risk factors of malaria among children aged 6–59 months in 13 sub-Saharan African countries: A multilevel analysis using recent malaria indicator surveys. *PLoS ONE*, 18(5 MAY), 1–16. <https://doi.org/10.1371/journal.pone.0285265>
- Chirombo, J., Ceccato, P., Lowe, R., Terlouw, D. J., Thomson, M. C., Gumbo, A., Diggle, P. J., & Read, J. M. (2020). Childhood malaria case incidence in Malawi between 2004 and 2017: Spatio-temporal modelling of climate and non-climate factors. *Malaria Journal*, 19(1), 1–13. <https://doi.org/10.1186/s12936-019-3097-z>
- Cohen, J., Cohen, P., West, S. G., & Aiken, L. S. (2003). *Applied Multiple Regression/Correlation Analysis for the Behavioral Sciences* (3rd ed.). Mahwah, NJ: Lawrence Erlbaum Associates
- Connelly, L. M. R. and C. R. (2018). *Anopheles quadrimaculatus* Say. Florida Entomology & Nematology.
- Dabaro, D., Birhanu, Z., Negash, A., Hawaria, D., & Yewhalaw, D. (2021). Effects of Rainfall, Temperature and Topography on Malaria Incidence in Elimination Targeted District of Ethiopia. *Malaria Journal*, 20(104), 1–10. <https://doi.org/10.1186/s12936-021-03641-1>
- Darkoh, E. L., Larbi, J. A., & Lawer, E. A. (2017). A weather-based prediction model of Malaria prevalence in Amenfi West District, Ghana. *Malaria Research and Treatment*, 2017, 1–8. <https://doi.org/10.1155/2017/7820454>
- Dinkes, K. M. (2024). *Strategi Peningkatan Akses Layanan Kesehatan Masyarakat di Manokwari*. Dinas Kesehatan Kabupaten Manokwari.
- Dinkes, P. B. (2019). *Profile Kesehatan Provinsi Papua Barat*.
- Direktorat Peningkatan Mutu Tenaga Kesehatan. (2023). Modul MPI. 1: Bionomik vektor dan binatang pembawa penyakit. In *Modul Pelatihan Pengendalian Vektor Dan Binatang Pembawa Penyakit Bagi Tenaga Entomolog Kesehatan Di Puskesmas* (pp. 7–26). Kementerian Kesehatan RI.
- Dufourd, C., & Dumont, Y. (2013). Impact of environmental factors on mosquito dispersal in the prospect of sterile insect technique control. *Computers and Mathematics with Applications*, 66(9), 1695–1715. <https://doi.org/10.1016/j.camwa.2013.03.024>
- Duque, C., Lubinda, M., Matoba, J., Sing'anga, C., Stevenson, J., Shields, T., & Shiff, C. J. (2022). Impact of aerial humidity on seasonal malaria: an ecological study in Zambia. *Malaria Journal*, 21(1), 1–12. <https://doi.org/10.1186/s12936-022-04345-w>



aningrum. (2020). Mengenal Malaria dan Vektornya. In P. Sutyarso *Pustaka Ali Imron* (1, Vol. 53, Issue 9). Pustaka Ali Imron.

F., Lucchi, N. W., Abdallah, R., Valenzuela, M. T., Udhayakumar, V., Jercic, M. I., & Chenet, S. M. (2020). Molecular and epidemiological characterization of imported malaria cases in Chile. *Malaria Journal*, *19*(1), 1–9. <https://doi.org/10.1186/s12936-020-03353-y>

Field, A. (2013). *Discovering Statistics Using IBM SPSS Statistics* (4th ed.). Sage Publications.

Firman. (2021). Pengaruh Faktor Sosiodemografi, Karakteristik Fisik Wilayah dan Upaya Pelayanan Kesehatan Terhadap Penyakit Malaria di Kabupaten Pesawaran Provinsi Lampung. In *Universitas Lampung Bandar Lampung* (Vol. 53, Issue February).

Fitriany, J., & Sabiq, A. (2018). Malaria. *Jurnal Averrous*, *4*(2), 83.

Flateau, C., Picque, M., Cornaglia, C., Pitsch, A. elia, Youbong, T., Leroy, P., De Pontfarcy, A., Jault, T., Thach, C., Camus, M., Dolveck, F., & Diamantis, S. (2023). Factors associated with delay in seeking healthcare for imported malaria: A retrospective study in a French hospital. *Journal of Travel Medicine*, *30*(3), 1–7. <https://doi.org/10.1093/jtm/taad023>

Gaudart, J., Touré, O., Dessay, N., Dicko, A. L., Ranque, S., Forest, L., Demongeot, J., & Doumbo, O. K. (2019). Modelling malaria incidence with environmental dependency in a locality of Sudanese savannah area, Mali. *Malaria Journal*, *8*(1). <https://doi.org/10.1186/1475-2875-8-61>

Githeko, A. K., Lindsay, S. W., Confalonieri, U. E., & Patz, J. A. (2000). Climate change and vector-borne diseases: a regional analysis. *Bulletin of the World Health Organization*, *78*(9), 1136-1147.

Gunda, R., Chimbari, M. J., Shamu, S., Sartorius, B., & Mukaratirwa, S. (2017). Malaria incidence trends and their association with climatic variables in rural Gwanda, Zimbabwe, 2005-2015. *Malaria Journal*, *16*(1), 1–13. <https://doi.org/10.1186/s12936-017-2036-0>

Habyarimana, F., & Ramroop, S. (2020). Prevalence and risk factors associated with malaria among children aged six months to 14 years old in rwanda: Evidence from 2017 rwanda malaria indicator survey. *International Journal of Environmental Research and Public Health*, *17*(21), 1–13. <https://doi.org/10.3390/ijerph17217975>

Haque, U., Sunahara, T., Hashizume, M., Shields, T., Yamamoto, T., Haque, R., & Glass, G. E. (2011). Malaria prevalence, risk factors and spatial distribution in a Hilly forest area of Bangladesh. *PLoS ONE*, *6*(4). <https://doi.org/10.1371/journal.pone.0018908>

Harijanto, & Paul. (2012). *Malaria Epidemiologi, Patogenesis, Manifestasi Klinis dan Penanganan* (Edisi Ke-3). EGC.

Hastono, S. P. (2006). *Analisis Data* (U. Indonesia (ed.)). Universitas Indonesia.

Hay, S., Guerra, C., Tatem, A., Atkinson, P., & Snow, R. (2005). Urbanization,



- transmission and disease burden in Africa. *Nature Reviews Microbiology*, 3(1), 81–90. <https://doi.org/10.1038/nrmicro1069>
- Lawati, M., Laksono, A. D., Kusri, I., & Dhewantara, P. W. (2020). Variation of preventive practices and its association with malaria infection in eastern Indonesia: Findings from community-based survey. *PLoS ONE*, 15(5), 1–18. <https://doi.org/10.1371/journal.pone.0232909>
- Kalsum, U., Restu Pertiwi, D., Livia Veronica, A., & Wulandari, A. (2018). Determinan yang Berhubungan dengan Kejadian Malaria di Indonesia Tahun 2016. *Jurnal Kesmas Jambi*, 2(1), 81–91. <https://doi.org/10.22437/jkmj.v2i1.6545>
- Kassam, N. A., Kaaya, R. D., Damian, D. J., Schmiegelow, C., Kavishe, R. A., Alifrangis, M., & Wang, C. W. (2021). Ten years of monitoring malaria trend and factors associated with malaria test positivity rates in Lower Moshi. *Malaria Journal*, 20(1), 1–9. <https://doi.org/10.1186/s12936-021-03730-1>
- Kemkes. (2023). *Profile Kesehatan Indonesia 2022*.
- Kemkes RI. (2019). Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/Menkes/556/2019 tentang Pedoman Nasional Pelayanan Kedokteran Tatalaksana Malaria. *Kementerian Kesehatan RI*, 8(5), 55.
- Kifle, M. M., Teklemariam, T. T., Teweldeberhan, A. M., Tesfamariam, E. H., Andegiorgish, A. K., & Azaria Kidane, E. (2019). Malaria Risk Stratification and Modeling the Effect of Rainfall on Malaria Incidence in Eritrea. *Journal of Environmental and Public Health*, 00(00), 462–473. <https://doi.org/10.1155/2019/7314129>
- Kouamé, R. M. A., Guglielmo, F., Abo, K., Ouattara, A. F., Chabi, J., Sedda, L., Donnelly, M. J., & Edi, C. (2022). Education and Socio-economic status are key factors influencing use of insecticides and malaria knowledge in rural farmers in Southern Côte d'Ivoire. *BMC Public Health*, 22(1), 1–11. <https://doi.org/10.1186/s12889-022-14446-5>
- Larson, P. S., Eisenberg, J. N. S., Berrocal, V. J., Mathanga, D. P., & Wilson, M. L. (2021). An Urban to Rural Continuum of Malaria Risk: New Analytic Approaches Characterize Patterns in Malawi. *Malaria Journal*, 20(418), 1–14. <https://doi.org/10.1186/s12936-021-03950-5>
- Marisa, A., Wahyono, T. Y. M., Nasution, H. S., & Sitanggang, H. D. (2024). Faktor-faktor Berhubungan dengan Kejadian Malaria di Provinsi Nusa Tenggara Timur Tahun 2018. *The Indonesian Journal of Infectious Disease*, 10(2), 111–128.
- Mbishi, J. V., Chombo, S., Luoga, P., Omary, H. J., Paulo, H. A., Andrew, J., & Addo, I. Y. (2024). Malaria in under-five children: prevalence and multi-factor analysis of high-risk African countries. *BMC Public Health*, 24(1), 1–10. <https://doi.org/10.1186/s12889-024-19206-1>
- Mishra, M. M., Sahu, N., Mallick, G., & Pani, B. (2023). Trend of Malaria Incidences and its Association with Rainfall in Kalahandi District of Odisha, India. *Indian Journal of Public Health*, 67(1), 166–169. https://doi.org/10.4103/ijph.ijph_916_22
- Mohammadkhani, M., Khanjani, N., Bakhtiari, B., Tabatabai, S. M., & Sheikhzadeh,



19). The Relation Between Climatic Factors and Malaria Incidence in and Baluchestan, Iran. *SAGE Open*, 9(3). doi.org/10.1177/2158244019864205

Malata Di Sembiring, L., Wandikbo Prodi, S. S., & Tinggi Ilmu Kesehatan Jayapura, S. (2023). Hubungan Lingkungan Dengan Kejadian Malaria Pada Masyarakat Di Kampung Nawaripi Kabupaten Mimika Provinsi Papua. *Prosiding STIKES Bethesda*, 2(1), 136–146.

Nduwayezu, G., Zhao, P., Kagoyire, C., Eklund, L., Bizimana, J. P., Pilesjo, P., & Mansourian, A. (2023). Understanding the spatial non-stationarity in the relationships between malaria incidence and environmental risk factors using Geographically Weighted Random Forest: a case study in Rwanda. *Geospatial Health*, 18(1). <https://doi.org/10.4081/gh.2023.1184>

Nilasari, N., & Lazuardi, L. (2017). Sebaran Spasial-Temporal Kasus Malaria Berdasarkan Kecepatan Angin dan Kelembapan di Kabupaten Kulon Progo DIY. *BKM Journal of Community Medicine and Public Health*, 33(12), 581–586.

Nissan, H., Ukawuba, I., & Thomson, M. (2021). Climate-proofing a malaria eradication strategy. *Malaria Journal*, 20(1), 1–16. <https://doi.org/10.1186/s12936-021-03718-x>

Noor, Nasry Nur & Arsin AA. (2022). *Epidemiologi Dasar Disiplin Ilmu dalam Kesehatan Masyarakat*. Unhas Press

Nyasa, R. B., Awatboh, F., Kwenti, T. E., Titanji, V. P. K., & Ayamba, N. L. M. (2022). The effect of climatic factors on the number of malaria cases in an inland and a coastal setting from 2011 to 2017 in the equatorial rain forest of Cameroon. *BMC Infectious Diseases*, 1–11. <https://doi.org/10.1186/s12879-022-07445-9>

Nyasa, R. B., Fotabe, E. L., & Ndip, R. N. (2021). Trends in malaria prevalence and risk factors associated with the disease in Nkonghombeng; A typical rural setting in the equatorial rainforest of the South West Region of Cameroon. *PLoS ONE*, 16(5 May), 1–20. <https://doi.org/10.1371/journal.pone.0251380>

Oheneba-Dornyo, T. V., Amuzu, S., Maccagnan, A., & Taylor, T. (2022). Estimating the Impact of Temperature and Rainfall on Malaria Incidence in Ghana from 2012 to 2017. *Environmental Modeling and Assessment*, 27(3), 473–489. <https://doi.org/10.1007/s10666-022-09817-6>

Okiring, J., Epstein, A., Namuganga, J. F., Kanya, E. V., Nabende, I., Nassali, M., Sserwanga, A., Gonahasa, S., Muwema, M., Kiwuwa, S. M., Staedke, S. G., Kanya, M. R., Nankabirwa, J. I., Briggs, J., Jagannathan, P., & Dorsey, G. (2022). Gender difference in the incidence of malaria diagnosed at public health facilities in Uganda. *Malaria Journal*, 21(1), 1–13. <https://doi.org/10.1186/s12936-022-04046-4>

Paaijmans, K. P., Cator, L. J., & Thomas, M. B. (2013). Temperature-Dependent Pre-Bloodmeal Period and Temperature-Driven Asynchrony between Parasite Development and Mosquito Biting Rate Reduce Malaria Transmission Intensity. *PLoS ONE*, 8(1), 1–7. <https://doi.org/10.1371/journal.pone.0055777>

Panzi, E. K., Okenge, L. N., Kabali, E. H., Tshimungu, F., Dilu, A. K., Mulangu, F., &



a, N. B. (2022). Geo-Climatic Factors of Malaria Morbidity in the Democratic Republic of Congo from 2001 to 2019. *International Journal of Environmental Research and Public Health*, 19(7), 1–16. doi.org/10.3390/ijerph19073811

Perdana, A. A. (2022). Perbedaan Karakteristik Penderita Malaria di Wilayah Kerja Puskesmas Hanura Pada Era Sebelum Pandemi Covid-19 dan Era Pandemi Covid-19. In *Universitas Lampung Bandar Lampung*.

Port Health Office. (2023). *Performance Accountability Report of Class III Manokwari Port Health Office for 2022*.

Raasti, A., Nasir, O., Khalid, M. A., Zafar, S., Khan, W., & Nadeem, S. F. (2024). Evaluating Malaria Prevalence Across Different Age and Gender Groups in Peshawar Through Light Microscopic Analysis. *Journal of Health and Rehabilitation Research*, 4(2), 767–771. https://doi.org/10.61919/jhrr.v4i2.952

Ridha, M. R., Juhairiyah, J., & Kusumaningtyas, H. (2022). Malaria Incidence Trends and Their Association with Climatic Variables in East Kalimantan Indonesia, 2014–2020. *Jurnal Kesehatan Lingkungan*, 14(2), 130–138. https://doi.org/10.20473/jkl.v14i2.2022.130-138

Rizki, N., Haq, A., & Siswati, S. (2024). Faktor Lingkungan yang Berhubungan dengan Kejadian Malaria di Kabupaten Kepulauan Mentawai Environmental Factors Associated with Malaria Incidence in Mentawai Islands Regency. *Jurnal Ilmu Kesehatan*, 8(2), 266–273.

Sandy, S., & Wike, I. (2019). Pengaruh iklim terhadap Annual Parasite Incidence malaria di Kabupaten Jayapura tahun 2011 – 2018. *Journal of Health Epidemiology and Communicable Diseases*, 5(1), 9–15. https://doi.org/10.22435/jhecds.v5i1.1031

Sanz, M. G., Beerzosa, P., & Norman, F. (2023). Updates on Malaria Epidemiology and Prevention Strategies. *Current Infectious Disease Reports*, 25(7), 131–139. https://doi.org/10.1007/s11908-023-00805-9

Sharma, R. K., Rajvanshi, H., Bharti, P. K., Nisar, S., Jayswar, H., Mishra, A. K., Saha, K. B., Shukla, M. M., Das, A., Kaur, H., Wattal, S. L., & Lal, A. A. (2021). Socio-economic determinants of malaria in tribal dominated Mandla district enrolled in Malaria Elimination Demonstration Project in Madhya Pradesh. *Malaria Journal*, 20(1), 1–13. https://doi.org/10.1186/s12936-020-03540-x

Siya, A., Kalule, B. J., Ssentongo, B., Lukwa, A. T., & Egeru, A. (2020). Malaria patterns across altitudinal zones of Mount Elgon following intensified control and prevention programs in Uganda. *BMC Infectious Diseases*, 20(1), 1–16. https://doi.org/10.1186/s12879-020-05158-5

Subekti, N., Paiticen, M., Kawulur, E. I. J. J., Sirait, S. H. K., & Mohammed, S. (2018). Types of plasmodium and the effect of environmental factor against malaria in Manokwari, West Papua. *Jurnal Pendidikan IPA Indonesia*, 7(3), 322–332. https://doi.org/10.15294/jpii.v7i3.14236

Sucipto, C. D. (2015). *Manual Lengkap Malaria*. Gosyen Publishing.

Tarekegn, M., Tekie, H., Dugassa, S., & Wolde-Hawariat, Y. (2021). Malaria



idence and associated risk factors in Dembiya district, North-western a. *Malaria Journal*, 20(1), 1–11. <https://doi.org/10.1186/s12936-021-9>

ratem, A. J., Guerra, C. A., Kabaria, C. W., Noor, A. M., & Hay, S. I. (2008). *Human population, urban settlement patterns and their impact on Plasmodium falciparum malaria endemicity*. 17, 1–17. <https://doi.org/10.1186/1475-2875-7-218>

Tompkins, A., & Ermert, V. (2013). A Regional-Scale, high resolution dynamical malaria model that accounts for population density, climate and surface hydrology. *Malaria Journal*, 12(13).

Tusting, L. S., Rek, J., Arinaitwe, E., Staedke, S. G., Kanya, M. R., Cano, J., Bottomley, C., Johnston, D., Dorsey, G., Lindsay, S. W., & Lines, J. (2016). Why is malaria associated with poverty? Findings from a cohort study in rural Uganda. *Infectious Diseases of Poverty*, 1–11. <https://doi.org/10.1186/s40249-016-0164-3>

Villena, O. C., Arab, A., Lippi, C. A., Ryan, S. J., & Johnson, L. R. (2024). Influence of environmental, geographic, socio-demographic, and epidemiological factors on presence of malaria at the community level in two continents. *Scientific Reports*, 14(1), 1–18. <https://doi.org/10.1038/s41598-024-67452-5>

Wafula, S. T., Habermann, T., Franke, M. A., May, J., & Puradiredja, D. I. (2023). What are the Pathways Between Poverty and Malaria in Sub - Saharan Africa? A Systematic Review of Mediation Studies. *Infectious Diseases of Poverty*, 12(58), 1–18. <https://doi.org/10.1186/s40249-023-01110-2>

Wang, Z., Liu, Y., Li, Y., Wang, G., Lourenço, J., Kraemer, M., He, Q., Cazelles, B., Li, Y., Wang, R., Gao, D., Li, Y., Song, W., Sun, D., Dong, L., Pybus, O. G., Stenseth, N. C., & Tian, H. (2022). The relationship between rising temperatures and malaria incidence in Hainan, China, from 1984 to 2010: a longitudinal cohort study. *The Lancet Planetary Health*, 6(4), e350–e358. [https://doi.org/10.1016/S2542-5196\(22\)00039-0](https://doi.org/10.1016/S2542-5196(22)00039-0)

Wardani, D. W. S. R. (2016). Pemanfaatan Statistik Spasial dalam Mempelajari Faktor Risiko Tuberkulosis Paru sebagai Upaya Penurunan Insidensi Tuberkulosis Paru. *Jurnal Kedokteran Universitas Lampung*, 1(2), 358–362.

Watmanlusy, E., & Raharjo, M. (2019). Analisis Spasial Karakteristik Lingkungan dan Dinamika Kepadatan Anopheles sp . Kaitannya Dengan Kejadian Malaria di Kecamatan Seram Maluku. *Jurnal Kesehatan Lingkungan Indonesia*, 18(1), 12–18.

WHO. (2023). *Malaria : a Disease of Poverty*.

Xiang, J., Hansen, A., Liu, Q., Tong, M. X., Liu, X., & Sun, Y. (2018). Association between malaria incidence and meteorological factors : a multi-location study in China, 2005 – 2012. *Cambridge University Press*, 146(0), 89–99. <https://doi.org/10.1017/S0950268817002254>

Zewude, B. T., Debusho, L. K., & Diriba, T. A. (2022). Multilevel logistic regression modelling to quantify variation in malaria prevalence in Ethiopia. *PLoS ONE*, 17(9 September), 1–21. <https://doi.org/10.1371/journal.pone.0273147>