

## DAFTAR PUSTAKA

- Achmadi, U. F. (2010). *Manajemen Penyakit Berbasis Wilayah*. Jakarta: Universitas Indonesia Press.
- Achmadi, U. F. (2013). *Dasar-Dasar Penyakit Berbasis Lingkungan* (1st ed.). Jakarta: Raja Grafindo Persada.
- Adde, A., Roucou, P., Mangeas, M., Ardillon, V., Desenclos, J.-C., Rousset, D., ... Flamand, C. (2016). Predicting Dengue Fever Outbreaks in French Guiana Using Climate Indicators. *PLOS Neglected Tropical Diseases*, 10(4), e0004681. <https://doi.org/10.1371/journal.pntd.0004681>
- Ariati, J., & Anwar, D. (2012). Incidence of Dengue Haemorrhagic Fever (DHF) and Climate factors in Batam City of Kepulauan Riau Province. *Jurnal Ekologi Kesehatan*, 11(4), 279–286.
- Ayumi, F., Iravati, S., & Umniyati, S. R. (2016). Faktor Iklim dan Kondisi Fisik Lingkungan Rumah dengan Kejadian Demam Berdarah Dengue di Beberapa Zone Season Yogyakarta. *Berita Kedokteran Masyarakat*, 32(12), 455–460. Retrieved from <https://jurnal.ugm.ac.id/bkm/article/download/8790/20647>
- Badan Informasi Geospasial. (2017). Kota Surabaya.
- Badan Pusat Statistik Kota Surabaya. (2015). Banyaknya Curah Hujan dan Hari Hujan di Juanda per Bulan 2010-2013. Retrieved February 26, 2019, from <https://surabayakota.bps.go.id/statictable/2015/02/10/26/banyaknya-hari-hujan-dan-curah-hujan-di-juanda-per-bulan.html>
- Badan Pusat Statistik Kota Surabaya. (2018). *Kota Surabaya dalam Angka*. Surabaya: Badan Pusat Statistik Kota Surabaya.
- Banu, S., Hu, W., Guo, Y., Hurst, C., & Tong, S. (2014). Projecting the impact of climate change on dengue transmission in dhaka, bangladesh. *Environment International*, 63(February), 137–142. <https://doi.org/10.1016/j.envint.2013.11.002>
- Banu, S., Hu, W., Hurst, C., & Tong, S. (2011). Dengue transmission in the Asia-Pacific region: Impact of climate change and socio-environmental factors. *Tropical Medicine and International Health*, 16(5), 598–607. <https://doi.org/10.1111/j.1365-3156.2011.02734.x>
- Barbara, P. B., & Umilia, E. (2014). Clustering Permukiman Kumuh di Kawasan Pusat Kota Surabaya. *Jurnal Teknik POMITS*, 3(2), C-172-C-177. [https://doi.org/10.1016/S0016-7037\(02\)01030-X](https://doi.org/10.1016/S0016-7037(02)01030-X)
- Beenackers, M. A., Oude Groeniger, J., Kamphuis, C. B. M., & Van Lenthe, F. J. (2018). Urban population density and mortality in a compact Dutch city: 23-year follow-up of the Dutch GLOBE study. *Health and Place*, 53(June), 79–85. <https://doi.org/10.1016/j.healthplace.2018.06.010>

- Bhaskaran, K., Gasparrini, A., Hajat, S., Smeeth, L., & Armstrong, B. (2013). Time series regression studies in environmental epidemiology. *International Journal of Epidemiology*, 42(4), 1187–1195. <https://doi.org/10.1093/ije/dyt092>
- Bhat, V. G., Chavan, P., Ojha, S., & Nair, P. K. (2015). Challenges in the Laboratory Diagnosis and Management of Dengue Infection. *The Open Microbiology Journal*, 9, 33–37.
- Bhatt, S., Gething, P., Brady, O., Messina, J., Farlow, A., & Moyes, C. (2012). The global distribution and burden of dengue. *NIH-PA Author Manuscript Nature*, 496(7446), 504–507. <https://doi.org/10.1038/nature12060>.The
- Brearley, G., Rhodes, J., Bradley, A., Baxter, G., Seabrook, L., Lunney, D., ... Mcalpine, C. (2013). Wildlife disease prevalence in human-modified landscapes. *Biological Reviews*, 88(2), 427–442. <https://doi.org/10.1111/brv.12009>
- Burroughs, W. J. (2005). *Climate change in prehistory*. *Climate Change in Prehistory* (First). New York: Cambridge University Press. <https://doi.org/10.1017/CBO9780511535826>
- Cahyani, R., & Rahmawati, D. (2015). Peningkatan Partisipasi Masyarakat Dalam Perbaikan Surabaya. *Jurnal Teknik ITS*, 4(2), 144–149.
- Cao, Z., Liu, T., Li, X., Wang, J., Lin, H., Chen, L., ... Ma, W. (2017). Individual and Interactive Effects of Socio-Ecological Factors on Dengue Fever at Fine Spatial Scale: A Geographical Detector-Based Analysis. *International Journal of Environmental Research and Public Health*, 14(7), 795. <https://doi.org/10.3390/ijerph14070795>
- Centers for Disease Control and Prevention. (2014). Dengue. Retrieved October 23, 2018, from <https://www.cdc.gov/dengue/epidemiology/>
- Chen, B., Yang, J., Luo, L., Yang, Z., & Liu, Q. (2016). Who is vulnerable to dengue fever? A community survey of the 2014 outbreak in Guangzhou, China. *International Journal of Environmental Research and Public Health*, 13(7). <https://doi.org/10.3390/ijerph13070712>
- Cheng, Q., Jing, Q., Spear, R. C., Marshall, J. M., Yang, Z., & Gong, P. (2016). Climate and the Timing of Imported Cases as Determinants of the Dengue Outbreak in Guangzhou, 2014: Evidence from a Mathematical Model. *PLoS Neglected Tropical Diseases*, 10(2), 1–22. <https://doi.org/10.1371/journal.pntd.0004417>
- Departemen Kesehatan RI. (2017). *Profil Kesehatan Indonesia Tahun 2016*. Jakarta: Kementerian Kesehatan Republik Indonesia.
- Dessler, A. E. (2012). *Introduction to Modern Climate Change* (First). New York: Cambridge University Press.
- Dhanoa, A., Hassan, S. S., Jahan, N. K., Reidpath, D. D., Fatt, Q. K., Ahmad, M.

- P., ... Allotey, P. (2018). Seroprevalence of dengue among healthy adults in a rural community in Southern Malaysia: A pilot study. *Infectious Diseases of Poverty*, 7(1), 1–13. <https://doi.org/10.1186/s40249-017-0384-1>
- Dinas Kesehatan Kota Surabaya. (2016). *Profil Kesehatan Kota Surabaya Tahun 2015*. Surabaya: Dinas Kesehatan Kota Surabaya.
- Dinas Kesehatan Provinsi Jawa Timur. (2015). *Profil Kesehatan Provinsi Jawa Timur 2015*. Surabaya: Dinas Kesehatan Provinsi Jawa Timur. Retrieved from [http://www.depkes.go.id/resources/download/profil/PROFIL\\_KES\\_PROVINSI\\_2015/15\\_Jatim\\_2015.pdf](http://www.depkes.go.id/resources/download/profil/PROFIL_KES_PROVINSI_2015/15_Jatim_2015.pdf)
- Dinata, A., & Dhewantara, P. W. (2012). KARAKTERISTIK LINGKUNGAN FISIK , BIOLOGI , DAN SOSIAL DI DAERAH ENDEMIS DBD KOTA BANJAR TAHUN 2011 Characteristics of Physics , Biology , and Social Environment in DHF Endemic of Banjar City in 2011 Demam Berdarah Dengue ( DBD ) virus dengue dan ditularka. *Jurnal Ekologi Kesehatan*, 11(4), 315–326.
- Eggleton, T. (2013). *A SHORT INTRODUCTION TO CLIMATE CHANGE* (First). New York: Cambridge University Press.
- Google maps. (2019). Citra Satelit Kota Surabaya. Retrieved April 15, 2019, from <https://www.google.com/maps/place/Surabaya,+Kota+SBY,+Jawa+Timur/@-7.2756141,112.6416428,21888m/data=!3m1!1e3!4m5!3m4!1s0x2dd7fbf8381ac47f0x3027a76e352be40!8m2!3d-7.2574719!4d112.7520883>
- Gubernur Jawa Timur. Keputusan Gubernur tentang Upah Minimum Kabupaten/Kota di Jawa Timur, Pub. L. No. 188/665/KPTS/2018 (2018). Jawa Timur.
- Gubler, D. J. (2006). Dengue dan Dengue Hemorrhagic Fever. In *Tropical Infectious Diseases: Principles, Pathogens, Practices* (Second, p. 817). China: Saunders Elsevier.
- Gupta, E., Dar, L., Kapoor, G., & Broor, S. (2006). The changing epidemiology of dengue in Delhi, India. *Virology Journal*, 3(92), 1–5. <https://doi.org/10.1186/1743-422X-3-92>
- Halstead, S. B. (2007). Dengue. *Lancet*, 370(9599), 1644–1652. [https://doi.org/10.1016/S0140-6736\(07\)61687-0](https://doi.org/10.1016/S0140-6736(07)61687-0)
- Hassell, J. M., Begon, M., Ward, M. J., & Fèvre, E. M. (2017). Urbanization and Disease Emergence: Dynamics at the Wildlife–Livestock–Human Interface. *Trends in Ecology and Evolution*, 32(1), 55–67. <https://doi.org/10.1016/j.tree.2016.09.012>
- Hidayanti, U. (2015). Pemodelan dan Pemetaan Jumlah Kasus Demam Berdarah Dengue (DBD) di Surabaya dengan Geographically Weighted Negative Binomial Regression (GWNBR) dan Flexibly Shaped Spatial Scan Statistic. *Jurnal Sains Dan Seni ITS*, 4(2), 120. Retrieved from

<http://repository.its.ac.id/60079/>

Hu, W., Clements, A., Tong, S., Williams, G., Tong, S., & Mengersen, K. (2012). Spatial patterns and socioecological drivers of dengue fever transmission in queensland, Australia. *Environmental Health Perspectives*, 120(2), 260–266. <https://doi.org/10.1289/ehp.1003270>

Intergovernmental Panel on Climate Change. (2007). IPCC Fourth Assessment Report: Climate Change 2007. Retrieved September 1, 2018, from [https://www.ipcc.ch/publications\\_and\\_data/ar4/syr/en/mains1.html](https://www.ipcc.ch/publications_and_data/ar4/syr/en/mains1.html)

Intergovernmental Panel on Climate Change. (2014). *Part A: Global and Sectoral Aspects. (Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change)*. New York: Cambridge University Press. <https://doi.org/10.1017/CBO9781107415324.004>

Kaper, H. (2013). The Discovery of Global Warming. Retrieved September 2, 2018, from <http://mpe.dimacs.rutgers.edu/2013/01/19/the-discovery-of-global-warming/>

Karyanti, M. R., Uiterwaal, C. S. P. M., Kusriastuti, R., Hadinegoro, S. R., Rovers, M. M., Heesterbeek, H., ... Bruijning-Verhagen, P. (2014). The changing incidence of Dengue Haemorrhagic Fever in Indonesia: A 45-year registry-based analysis. *BMC Infectious Diseases*, 14(1), 1–7. <https://doi.org/10.1186/1471-2334-14-412>

Kementerian Kesehatan Republik Indonesia. (2016). *Profil Kesehatan Indonesia Tahun 2015*. Kementerian Kesehatan Indonesia. Jakarta: Kementerian Kesehatan Republik Indonesia. <https://doi.org/10.1111/evo.12990>

Khormi, H. M., & Kumar, L. (2011). Modeling dengue fever risk based on socioeconomic parameters, nationality and age groups: GIS and remote sensing based case study. *Science of the Total Environment*, 409(22), 4713–4719. <https://doi.org/10.1016/j.scitotenv.2011.08.028>

Li, Q., Ren, H., Zheng, L., Cao, W., Zhang, A., Zhuang, D., ... Jiang, H. (2017). Ecological niche modeling identifies fine-scale areas at high risk of dengue fever in the pearl river delta, China. *International Journal of Environmental Research and Public Health*, 14(6), 1–13. <https://doi.org/10.3390/ijerph14060619>

Li, Y., Kamara, F., Zhou, G., Puthiyakunnon, S., Li, C., Liu, Y., ... Chen, X. G. (2014). Urbanization Increases *Aedes albopictus* Larval Habitats and Accelerates Mosquito Development and Survivorship. *PLoS Neglected Tropical Diseases*, 8(11). <https://doi.org/10.1371/journal.pntd.0003301>

Li, Z., Yin, W., Clements, A., Williams, G., Lai, S., Zhou, H., ... Yang, W. (2012). Spatiotemporal analysis of indigenous and imported dengue fever cases in Guangdong province, China. *BMC Infectious Diseases*, 12(1), 132. <https://doi.org/10.1186/1471-2334-12-132>

Liang, L., & Gong, P. (2017). Climate change and human infectious diseases: A

synthesis of research findings from global and spatio-temporal perspectives.  
*Environment International*, 103, 99–108.  
<https://doi.org/10.1016/j.envint.2017.03.011>

Manik, T. K. (2014). *Klimatologi Dasar*. Yogyakarta: Graha Ilmu.

Mantra, I. B. (2003). *Demografi Umum* (Second). Yogyakarta: Pustaka Pelajar.

Matthews, A. J. (2000). Propagation mechanisms for the Madden-Julian Oscillation. *Quarterly Journal of the Royal Meteorological Society*, 126(569), 2637–2651. <https://doi.org/10.1256/smsqj.56901>

Morin, C. W., Comrie, A. C., & Ernst, K. (2013). Climate and Dengue Transmission: Evidence and Implications. *Environmental Health Perspectives*, 121(11–12), 1264–1272. <https://doi.org/10.1289/ehp.1306556>

Muller, D. A., Depelsenaire, A. C. I., & Young, P. R. (2017). Clinical and laboratory diagnosis of dengue virus infection. *Journal of Infectious Diseases*, 215(Suppl 2), S89–S95. <https://doi.org/10.1093/infdis/jiw649>

Naish, S., Dale, P., Mackenzie, J. S., McBride, J., Mengersen, K., & Tong, S. (2014). Climate change and dengue: A critical and systematic review of quantitative modelling approaches. *BMC Infectious Diseases*, 14(1). <https://doi.org/10.1186/1471-2334-14-167>

Pakaya, R. (2016). *Analisis Spasial dan Faktor Lingkungan yang Mempengaruhi Kejadian Demam Berdarah Dengue (DBD) di Kecamatan Limboto Kabupaten Gorontalo*. Universitas Gadjahmada.

Perwitasari, D., & Ariati, Y. (2015). MODEL PREDIKSI DEMAM BERDARAH DENGUE DENGAN KONDISI IKLIM DI KOTA YOGYAKARTA Prediction Models of Dengue Haemorrhagic Fever Compare to Climate in Kota Yogyakarta. *Jurnal Ekologi Kesehatan*, 14(2), 124–135.

Pusat Data dan Informasi Kementrian Kesehatan RI. (2016). *Situasi DBD di Indonesia*. Jakarta: Kementerian Kesehatan Republik Indonesia. <https://doi.org/ISSN 2442-7659>

Rahayu, M., Baskoro, T., & Wahyudi, B. (2010). Studi Kohort Kejadian Penyakit Demam Berdarah Dengue. *Berita Kedokteran Masyarakat*, 26(4), 163–170.

Romero-Lankao, P., & Gnatz, D. M. (2016). Conceptualizing urban water security in an urbanizing world. *Current Opinion in Environmental Sustainability*, 21, 45–51. <https://doi.org/10.1016/j.cosust.2016.11.002>

Salles, T. S., Da Encarnação Sá-Guimarães, T., De Alvarenga, E. S. L., Guimarães-Ribeiro, V., De Meneses, M. D. F., De Castro-Salles, P. F., ... Moreira, M. F. (2018). History, epidemiology and diagnostics of dengue in the American and Brazilian contexts: A review. *Parasites and Vectors*, 11(1), 1–12. <https://doi.org/10.1186/s13071-018-2830-8>

Sarkar, C., & Webster, C. (2017). Urban environments and human health: current trends and future directions. *Current Opinion in Environmental Sustainability*,



- 25, 33–44. <https://doi.org/10.1016/j.cosust.2017.06.001>
- Schmidt, W. P., Suzuki, M., Thiem, V., White, R. G., Tsuzuki, A., Yoshida, L. M., ... Ariyoshi, K. (2011). Population density, water supply, and the risk of dengue fever in vietnam: Cohort study and spatial analysis. *PLoS Medicine*, 8(8). <https://doi.org/10.1371/journal.pmed.1001082>
- Schwartz, E. (2009). Dengue Fever. In E. Schwartz (Ed.), *Tropical Disease in Travelers* (First, p. 53). Singapore: Blackwell Publishing.
- Sharma, K. D., Mahabir, R. S., Curtin, K. M., Sutherland, J. M., Agard, J. B., & Chadee, D. D. (2014). Exploratory space-time analysis of dengue incidence in Trinidad: A retrospective study using travel hubs as dispersal points, 1998-2004. *Parasites and Vectors*, 7(1), 1–11. <https://doi.org/10.1186/1756-3305-7-341>
- Sharp, T. M., Tomashek, K. M., Read, J. S., Margolis, H. S., & Waterman, S. H. (2017). A New Look at an Old Disease: Recent Insights into the Global Epidemiology of Dengue. *Current Epidemiology Reports*, 4(1), 11–21. <https://doi.org/10.1007/s40471-017-0095-y>
- Smeru Research Institute. (2015). Povertymap. Retrieved April 15, 2019, from [http://povertymap.smeru.or.id/map3/kabbydesa/3578\\_kabdesa](http://povertymap.smeru.or.id/map3/kabbydesa/3578_kabdesa)
- Smith, K. R., Woodward, A., Campbell-Lendrum, D., Chadee, D., Honda, Y., Liu, Q., ... Genova, R. (2014). Human Health: Impacts, Adaptation, and Co-Benefits. In U. Confalonieri & A. Haines (Eds.), *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Field CB, Barros VR, Dokken DJ, Mach KJ, Ma (pp. 709–754). Cambridge and New York: Cambridge University Press. https://doi.org/10.1017/CBO9781107415379.016*
- Soedarto. (2012). *Demam Berdarah Dengue*. Surabaya: CV Sagung Seto.
- Sulistiawan, D., & Lazuardi, L. (2018). Penggunaan Data Surveilans Gabungan dan Meteorologi untuk Memprediksi Demam Berdarah Dengue di YOGYAKARTA. *Berita Kedokteran Masyarakat*, 34(1), 37–43. Retrieved from <https://www.neliti.com/publications/238001/penggunaan-data-surveilans-gabungan-dan-meteorologi-untuk-memprediksi-demam-berd>
- Susilokarti, D., Arif, S. S., Susanto, S., & Sutiarso, L. (2015). Identifikasi Perubahan Iklim Berdasarkan Data Curah Hujan di Wilayah Selatan Jatiluhur Kabupaten Subang, Jawa Barat. *Agritech*, 35(1), 98–105.
- Tjasjono. (2004). *Klimatologi*. Bandung: Penerbit ITB.
- Tong, M. X., Hansen, A., Hanson-Easey, S., Cameron, S., Xiang, J., Liu, Q., ... Bi, P. (2015). Infectious diseases, urbanization and climate change: Challenges in future China. *International Journal of Environmental Research and Public Health*, 12(9), 11025–11036. <https://doi.org/10.3390/ijerph120911025>

- UNFCCC. (1992). United Nations Framework Convention on Climate Change. *Review of European Community and International Environmental Law*, 1(3), 270–277. <https://doi.org/10.1111/j.1467-9388.1992.tb00046.x>
- Watts, N., Adger, W. N., & Agnolucci, P. (2015). Changement climatique : Agir au nom de la santé publique. *Environnement, Risques et Sante*, 14(6), 466–468. [https://doi.org/10.1016/S0140-6736\(15\)60854-6](https://doi.org/10.1016/S0140-6736(15)60854-6)
- Wesolowski, A., Qureshi, T., Boni, M. F., Sundsøy, P. R., Johansson, M. A., Rasheed, S. B., ... Buckee, C. O. (2015). Impact of human mobility on the emergence of dengue epidemics in Pakistan. *Proceedings of the National Academy of Sciences*, 112(38), 11887–11892. <https://doi.org/10.1073/pnas.1504964112>
- Wilson, E. . (1993). *Hidrologi Teknik*. (M. M. Purbohadiwidjoyo, Ed.). Bandung: Penerbit ITB.
- World Health Organization. (2009). *Dengue: guidelines for diagnosis, treatment, prevention, and control. Special Programme for Research and Training in Tropical Diseases*. <https://doi.org/WHO/HTM/NTD/DEN/2009.1>
- World Health Organization. (2018). Dengue control: The mosquito. Retrieved October 23, 2018, from <http://www.who.int/denguecontrol/mosquito/en/>
- Yao-Dong, D., Xian-Wei, W., Xiao-Feng, Y., Wen-Jun, M., Hui, A., & Xiao-Xuan, W. (2013). Impacts of Climate Change on Human Health and Adaptation Strategies in South China. *Advances in Climate Change Research*, 4(4), 208–214. <https://doi.org/10.3724/SP.J.1248.2013.208>