

DAFTAR PUSTAKA

Aguiar, M., Stollenwerk, N. and Halstead, S. B. (2016) 'The risks behind Dengvaxia recommendation', *The Lancet Infectious Diseases*. Elsevier Ltd, 16(8), pp. 882–883. doi: 10.1016/S1473-3099(16)30168-2.

Amtuz, Z. and Nasarin (2011) 'Evaluation of Mesocyclops aspericornis, M. ogunnus and M. thermocyclopoides from the water bodies of Chennai (South India) as control agents of Aedes aegypti', *Dengue Bulletin*, 35, pp. 173–180.

Anderson, K. B., Chunsuttiwat, S., Nisalak, A., Mammen, M. P., Libraty, D. H., Rothman, A. L., Green, S., Vaughn, D. W., Ennis, F. a. and Endy, T. P. (2007) 'Burden of symptomatic dengue infection in children at primary school in Thailand: a prospective study', *The Lancet*, 369, pp. 1452–1459. doi: 10.1016/S0140-6736(07)60671-0.

Arcari, P., Tapper, N. and Pfueller, S. (2007) 'Regional variability in relationships between climate and dengue/DHF in Indonesia', *Singapore Journal of Tropical Geography*, 28, pp. 251–272. doi: 10.1111/j.1467-9493.2007.00300.x.

Badurdeen, S., Valladares, D. B., Farrar, J., Gozzer, E., Kroeger, A. and Kuswara, N. (2013) 'Sharing experiences: towards an evidence based model of Dengue surveillance and outbreak response in Latin America and Asia', *BMC Public Health*, 13, p. 607.

Bai, L., Morton, L. C. and Liu, Q. (2013) 'Climate change and mosquito-borne diseases in China : a review', *Globalization and Health*, 9, pp. 1–22.

Bank Data Kementerian Kesehatan RI (2012) *No Title*. Available at: <http://www.bankdata.depkes.go.id/propinsi/public/report/createtablepti> (Accessed: 31 October 2012).

Banu, S., Hu, W., Hurst, C. and 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), pp. 598–607. doi: 10.1111/j.1365-3156.2011.02734.x.

Barbazan, P., Guiserix, M., Boonyuan, W., Tuntaprasart, W., Pontier, D. and Gonzalez, J. P. (2010) 'Modelling the effect of temperature on transmission of dengue', *Medical and Veterinary Entomology*, 24, pp. 66–73.

Beatty, M. E., Stone, A., Fitzsimons, D. W., Hanna, J. N., Lam, S. K., Vong, S., Guzman, M. G., Mendez-Galvan, J. F., Halstead, S. B., William Letson, G., Kuritsky, J., Mahoney, R. and Margolis, H. S. (2010) 'Best practices in dengue surveillance: A report from the asia-pacific and americas dengue prevention boards', *PLoS Neglected Tropical Diseases*, 4(11). doi: 10.1371/journal.pntd.0000890.

Bhardwaj, A., Sam, C. L., Joshi, K. P. and Sinha, V. S. P. (2012) 'Developing a statistical dengue risk prediction model for the state of delhi based on various environmental variables', *International Journal of Geoinformatics*, 8(3), pp. 45–52.

Bintarto (1983) *Interaksi Desa-Kota dan Permasalahannya*. Jakarta: Ghalia Indonesia.

Bowman, L. R., Runge-Ranzinger, S. and McCall, P. J. (2014) 'Assessing the relationship between vector indices and Dengue transmission: A systematic review of the evidence', *PLoS Neglected Tropical Diseases*, 8(5), p. e2848. doi: 10.1371/journal.pntd.0002848.

Box, G. E. P. and Jenkins, G. M. (1976) *Time Series Analysis, Forecasting, and Control*. Revised. San Fransisco: Holden Day.

Boyce, R., Lenhart, a., Kroeger, a., Velayudhan, R., Roberts, B. and Horstick, O. (2013) 'Bacillus thuringiensis israelensis (Bti) for the control of dengue vectors: Systematic literature review', *Tropical Medicine and International Health*, 18(5), pp. 564–577. doi: 10.1111/tmi.12087.

Braga, C., Feitosa, C., Mariaturchi, C., Vieira, W., Souza, D., Tenório, M., Alexander, N., Fátima, M. De, Militão, P., Albuquerque, D., Constantino, J., Júnior, S. and Marques, E. T. (2010) 'Acta Tropica Seroprevalence and risk factors for dengue infection in socio-economically distinct areas of Recife, Brazil', *Acta Tropica*, 113, pp. 234–240. doi: 10.1016/j.actatropica.2009.10.021.

Cassab, A., Morales, V. and Mattar, S. (2011) 'Factores climáticos y casos de dengue en Montería, Colombia: 2003-2008', *Revista de Salud Pública*, 13(1), pp. 115–128. doi: 10.1590/S0124-00642011000100010.

Centers for Disease Control & Prevention (2012a) *Dengue and the Aedes aegypti mosquito*. Available at:

<http://www.cdc.gov/dengue/resources/30Jan2012/aegyptifactsheet.pdf> (Accessed: 23 January 2014).

Centers for Disease Control & Prevention (2012b) *Dengue and the Aedes albopictus mosquito*. Available at:

<http://www.cdc.gov/dengue/resources/30Jan2012/albopictusfactsheet.pdf> (Accessed: 23 January 2014).

Chadijah, S., Rosmini and Halimudin (2011) 'Peningkatan peranserta masyarakat dalam pelaksanaan Pemberantasan Sarang Nyamuk DBD (PSN-DBD) di dua kelurahan di Kota Palu Sulawesi Tengah', *Media Litbang Kesehatan*, 21(4), pp. 184–190.

Chan, M. and Johansson, M. A. (2012) 'The incubation periods of Dengue viruses', *PLoS Neglected Tropical Diseases*, 7(11), p. e50972. doi: 10.1371/journal.pone.0050972.

Chang, A. Y., Fuller, D. O., Carrasquillo, O. and Beier, J. C. (2014) 'Social justice, climate change, and Dengue', *Health and Human Rights Journal*, 16(1), pp. 93–104.

Chen, S.-C., Liao, C.-M., Chio, C.-P., Chou, H.-H., You, S.-H. and Cheng, Y.-H. (2010) 'Lagged temperature effect with mosquito transmission potential explains dengue variability in southern Taiwan: insights from a statistical analysis.', *Science of the Total Environment*. Elsevier B.V., 408(19), pp. 4069–4075. doi: 10.1016/j.scitotenv.2010.05.021.

Christophers, S. R. (1960) *Aedes Aegypti (L.) the yellow fever mosquito: Its life history, bionomics and structure*, Cambridge At The Universit Press. London: Cambridge University Press.

Colón-González, F. J., Lake, I. R. and Bentham, G. (2011) 'Climate variability and dengue fever in warm and humid Mexico', *American Journal of Tropical Medicine and Hygiene*, 84(5), pp. 757–763. doi: 10.4269/ajtmh.2011.10-0609.

Corbel, V., Nosten, F., Thanispong, K., Luxemburger, C., Kongmee, M. and Chareonviriyaphap, T. (2013) 'Challenges and prospects for dengue and malaria control in Thailand, Southeast Asia', *Trends in Parasitology*. Elsevier Ltd, 29(12), pp. 623–633. doi: 10.1016/j.pt.2013.09.007.

Costa, J. V., Donalisio, M. R. and de Arruda Silveira, L. V. (2013) 'Spatial distribution of dengue incidence and socio-environmental conditions in Campinas, São Paulo State, Brazil, 2007', *Caderno de Saúde Pública*, 29(8), pp. 1522–1532.

Cryer, J. D. and Chan, K. (2008) *Time Series Analysis: with Application in R*. 2nd edn.

New York: Springer.

Das, M., Gopalakrishnan, R., Kumar, D., Gayan, J., Baruah, I., Veer, V. and Dutta, P. (2014) 'Spatiotemporal distribution of dengue vectors & identification of high risk zones in district Sonitpur, Assam, India', *Indian Journal of Medical Research*, 140, pp. 278–284.

Degallier, N., Favier, C., Menkes, C., Lengaigne, M., Ramalho, W. M., Souza, R. and Boulanger, J. S. J. (2010) 'Toward an early warning system for dengue prevention: modeling climate impact on dengue transmission', *Climatic Change*, 98, pp. 581–592. doi: 10.1007/s10584-009-9747-3.

Departemen Kesehatan RI (2009) *Profil Kesehatan Indonesia 2008*. Jakarta: Departemen Kesehatan RI. doi: 10.1037/0022-3514.51.6.1173.

Deputi Bidang Tata Lingkungan Kementerian Negara Lingkungan Hidup (no date) *Kajian Lingkungan Hidup Strategis Indonesia, Final Report, Ikhtisar Pilot Projects, Kajian Lingkungan Hidup Strategis Ciayumajakuning-Gardang, Cekungan Bandung, Kartamantul, Blma*.

Dickin, S. K., Schuster-Wallace, C. J. and Elliott, S. J. (2013) 'Developing a Vulnerability Mapping Methodology: Applying the Water-Associated Disease Index to Dengue in Malaysia', *PLoS ONE*, 8(5). doi: 10.1371/journal.pone.0063584.

Dinas Kesehatan Provinsi DIY (2012) *Profil Kesehatan Provinsi D. I. Yogyakarta tahun 2011*. Yogyakarta: Dinas Kesehatan Provinsi DIY.

Dinas Kesehatan Provinsi DIY (2013) *Profil Kesehatan Provinsi D. I. Yogyakarta Tahun 2012*. Yogyakarta: Dinas Kesehatan Provinsi DIY.

Ditjen P2&PL Departemen Kesehatan RI (2004) *Pemberantasan Sarang Nyamuk Demam Berdarah Dengue (PSN-DBD) oleh Juru Pemantau Jentik (Jumantik)*. Jakarta: Departemen Kesehatan RI.

Ditjen P2 & PL Kementerian Kesehatan RI (2010) *Pencegahan dan Pemberantasan Demam Berdarah Dengue di Indonesia*. Jakarta: Ditjen P2 & PL Kementerian Kesehatan RI.

Dom, N. C., Hassan, A. A., Latif, Z. A. and Ismail, R. (2013) 'Generating temporal model using climate variables for the prediction of dengue cases in Subang Jaya, Malaysia', *Asian Pacific Journal of Tropical Disease*, 3(5), pp. 352–361. doi: 10.1016/S2222-1808(13)60084-5.

Dom, N. C., Latif, Z. A., Ahmad, A. H., Ismail, R. and Pradhan, B. (2012) 'Manifestation of GIS tools for spatial pattern distribution analysis of dengue fever epidemic in the city of Subang Jaya, Malaysia', *EnvironmentAsia*, 5, pp. 82–92.

Drake, J. M. (2005) 'Fundamental limits to the precision of early warning systems for epidemics of infectious diseases', *PLoS Medicine*, 2(5), pp. 461–463. doi: 10.1371/journal.pmed.0020137.

Dummer, T. J. B. (2008) 'Health geography: Supporting public health policy and planning', *Cmaj*, 178(9), pp. 1177–1180. doi: 10.1503/cmaj.071783.

Duncombe, J., Clements, A., Hu, W., Weinstein, P., Ritchie, S. and Espino, F. E. (2012) 'Review: Geographical information systems for Dengue surveillance', *American Journal of Tropical Medicine and Hygiene*, 86(5), pp. 753–755. doi: 10.4269/ajtmh.2012.11-0650.

Eisen, L. and Eisen, R. J. (2011) 'Using Geographic Information Systems and Decision

Support Systems for the prediction, prevention, and control of vector-borne diseases', *Annual Review of Entomology*, 56, pp. 41–61. doi: 10.1146/annurev-ento-120709-144847.

Eliminate Dengue (2012a) *Eliminate Dengue Newsletter*. Available at: <http://www.eliminatedengue.com> (Accessed: 1 April 2012).

Eliminate Dengue (2012b) *Eliminate Dengue Newsletter*. Available at: <http://www.eliminatedengue.com> (Accessed: 10 May 2013).

Endy, T. P., Nisalak, A., Chunsuttiwat, S., Libraty, D. H., Green, S., Rothman, A. L., Vaughn, D. W. and Ennis, F. a. (2002) 'Spatial and temporal circulation of dengue virus serotypes: A prospective study of primary school children in Kamphaeng Phet, Thailand', *American Journal of Epidemiology*, 156(1), pp. 52–59. doi: 10.1093/aje/kwf006.

Fan, J., Lin, H., Wang, C., Bai, L., Yang, S., Chu, C. and Yang, W. (2014) 'Identifying the high-risk areas and associated meteorological factors of dengue transmission in Guangdong Province, China from 2005 to 2011', *Epidemiology Infection*, 142, pp. 634–643. doi: 10.1017/S0950268813001519.

Favier, C., Degallier, N. and Dubois, M. A. (2002) 'Dengue epidemic modeling : stakes and pitfalls', *Asia-Pacific Biotech News*, 9(22), pp. 1191–1194.

Gharbi, M., Quenel, P., Gustave, J., Cassadou, S., Ruche, G. La, Girdary, L. and Marrama, L. (2011) 'Time series analysis of dengue incidence in Guadeloupe, French West Indies: Forecasting models using climate variables as predictors', *BMC Infectious Diseases*. BioMed Central Ltd, 11, p. 166. doi: 10.1186/1471-2334-11-166.

Goto, K., Kumarendran, B., Mettananda, S., Gunasekara, D., Fujii, Y. and Kaneko, S. (2013) 'Analysis of effects of meteorological factors on Dengue incidence in Sri Lanka using time series data', *PLoS ONE*, 8(5), pp. 1–8. doi: 10.1371/journal.pone.0063717.

Gratz, N. G. and Halstead, S. B. (2008) 'The Control of Dengue Vectors', in Halstead, S. B. (ed.) *Dengue, Tropical Medicine: Science and Practice, Vol 5*. London: Imperial College Press, pp. 361–387.

Gubler, D. J. (1998) 'Dengue and dengue hemorrhagic fever', *Clinical Microbiology Reviews*. Am Soc Microbiol, 11(3), pp. 480–496.

Gubler, D. J. (2002) 'Epidemic dengue / dengue hemorrhagic fever as a public health, social and economic problem in the 21st century', *TRENDS in Microbiology*, 10(2), pp. 100–103.

Gubler, D. J. (2011) 'Prevention and control of Aedes aegypti -borne diseases : lesson learned from past successes and failures', *Asia Pacific Journal of Molecular Biology & Biotechnology*, 19(3), pp. 111–114.

Guzman, A. and Istúriz, R. E. (2010) 'Update on the global spread of dengue', *International Journal of Antimicrobial Agents*. Elsevier B.V., 36, pp. S40–S42. doi: 10.1016/j.ijantimicag.2010.06.018.

Guzman, M. G. and Harris, E. (2015) 'Dengue', *The Lancet*, 385, pp. 453–465. doi: 10.1016/S0140-6736(14)60572-9.

Guzmán, M. G. and Kourí, G. (2004) 'Dengue diagnosis, advances and challenges', *International Journal of Infectious Diseases*, 8, pp. 69–80. doi: 10.1016/j.ijid.2003.03.003.

Hagenlocher, M., Delmelle, E., Casas, I. and Kienberger, S. (2013) 'Assessing socioeconomic vulnerability to dengue fever in Cali, Colombia : statistical vs expert-

- based modeling', *International Journal of Health Geographics*, 12(36), pp. 1–14.
Available at: <http://www.ij-healthgeographics.com/content/12/1/36>.
- Halstead, S. B. (2007) 'Dengue', *The Lancet*, 370, pp. 1644–1652.
- Halstead, S. B. (2008) 'Epidemiology', in Halstead, S. B. (ed.) *Dengue, Tropical Medicine: Science and Practice, Vol 5*. London: Imperial College Press, pp. 75–122.
- Halstead, S. B. (2012) 'Comment: Dengue vaccine development : a 75 % solution ?', *Lancet*, 6736(12), pp. 11–12. doi: [http://dx.doi.org/10.1016/S0140-6736\(12\)61510-4](http://dx.doi.org/10.1016/S0140-6736(12)61510-4).
- Hidayati, R., Boer, R., Koesmaryono, Y., Kesumawati, U. and Manuwoto, S. (2009) 'Penyusunan metode penentuan indeks kerawanan wilayah dan pemetaan wilayah rentan penyakit demam berdarah di Indonesia', *Jurnal Ekologi Kesehatan*, 8(4), pp. 1066–1076.
- Hoffmann, a a, Montgomery, B. L., Popovici, J., Iturbe-Ormaetxe, I., Johnson, P. H., Muzzi, F., Greenfield, M., Durkan, M., Leong, Y. S., Dong, Y., Cook, H., Axford, J., Callahan, a G., Kenny, N., Omodei, C., McGraw, E. a, Ryan, P. a, Ritchie, S. a, Turelli, M. and O'Neill, S. L. (2011) 'Successful establishment of Wolbachia in Aedes populations to suppress dengue transmission.', *Nature*, 476, pp. 454–457. doi: 10.1038/nature10356.
- Hopp, M. J. and Foley, J. A. (2003) 'Worldwide fluctuations in dengue fever case related to climate variability', *Climate Research*, 25, pp. 85–94. doi: 10.3354/cr025085.
- Hsueh, Y., Lee, J. and Beltz, L. (2012) 'Spatio-temporal patterns of dengue fever cases in Kaoshiung City , Taiwan , 2003 e 2008', *Applied Geography*. Elsevier Ltd, 34, pp. 587–594. doi: 10.1016/j.apgeog.2012.03.003.
- Hu, W., Clements, A., Williams, G. and Tong, S. (2010) 'Dengue fever and El Nino/Southern Oscillation in Queensland, Australia: a time series predictive model', *Occupational & Environmental Medicine*, 67, pp. 307–311. doi: 10.1136/oem.2008.044966.
- Hu, W., Clements, A., Williams, G., Tong, S. and Mengersen, K. (2012) 'Spatial Patterns and Socioecological Drivers of Dengue Fever Transmission in Queensland, Australia', *Environmental Health Perspectives*, 120(2), pp. 260–267.
- Hu, W., Tong, S., Mengersen, K. and Connell, D. E. S. (2007) 'Weather variability and the incidence of Cryptosporidiosis : comparison of time series poisson regression and SARIMA models', *Annals of Epidemiology*, 17(9), pp. 679–688. doi: 10.1016/j.annepidem.2007.03.020.
- Jeefoo, P. and Tripathi, K. N. (2011) 'Dengue risk zone index (DRZI) for mapping dengue risk areas', *International Journal of Geoinformatics*, 7, pp. 53–62.
- Karyanti, M. R., Uiterwaal, C. S. P. M., Kusriastuti, R., Hadinegoro, S. R., Rovers, M. M., Heesterbeek, H., Hoes, A. W. and Bruijning-verhagen, P. (2014) 'The changing incidence of Dengue Haemorrhagic Fever in Indonesia : a 45-year registry-based analysis', *BMC Infectious Diseases*, 14(1), pp. 412–418. doi: 10.1186/1471-2334-14-412.
- Kementerian Kesehatan RI (2010) *Profil Kesehatan Indonesia 2009*. Jakarta: Kementerian Kesehatan RI.
- Kementerian Kesehatan RI (2011) *Profil Kesehatan Indonesia 2010*. Jakarta: Kementerian Kesehatan RI.
- Kementerian Kesehatan RI (2012) *Profil Kesehatan Indonesia 2011*. Jakarta: Kementerian Kesehatan RI. doi: 351.770.212 Ind P.

- Kementerian Kesehatan RI (2013) *Profil Kesehatan Indonesia 2012*. Jakarta: Kementerian Kesehatan RI. Available at: <http://www.kemkes.go.id>.
- Kementerian Kesehatan RI (2014) *Profil Kesehatan Indonesia 2013*. Jakarta: Kementerian Kesehatan RI. Available at: <http://www.kemkes.go.id>.
- Khormi, H. M. and Kumar, L. (2012) 'Assessing the risk for dengue fever based on socioeconomic and environmental variables in a geographical information system environment', *Geospatial Health*, 6(2), pp. 171–176.
- Kiple, K. F. (ed.) (1993) *The Cambridge World History of Human Diseases*. Cambridge: Cambridge University Press.
- Kistemann, T. and Queste, A. (2004) 'GIS and Communicable Disease Control', in Maheswaran, R. and Craglia, M. (eds) *GIS in Public Health Practice*. Boca Raton: CRC Press, pp. 71–89.
- Kuhn, K., Campbell-Lendrum, D., Haines, A. and Cox, J. (2005) *Using Climate to Predict Infectious Disease Outbreaks : A Review*. Geneva: World Health Organization. Available at: <http://www.who.int/globalchange/publications/en/oeh0401.pdf>.
- Kusriastuti, R. and Sutomo, S. (2005) 'Evolution of Dengue prevention and control programme in Indonesia', *Dengue Bulletin*, 29, pp. 1–7.
- Lai, P.-C., So, F.-M. and Chan, K.-W. (2009) *Spatial Epidemiological Approach in Disease Mapping and Analysis*. Boca Raton Florida: CRC Press.
- Lawson, A. B. (2004) 'Disease Mapping: Basic Approach and New Developments', in Maheswaran, R. and Craglia, M. (eds) *GIS in Public Health Practice*. Boca Raton: CRC Press, pp. 31–49.
- Lu, L., Lin, H., Tian, L., Yang, W., Sun, J. and Liu, Q. (2009) 'Time series analysis of dengue fever and weather in Guangzhou, China.', *BMC public health*, 9, p. 395. doi: 10.1186/1471-2458-9-395.
- Luz, P. M., Mendes, B. V. M., Codeco, C. T., Struchiner, Cl. J. and Galvani, A. P. (2008) 'Time series analysis of Dengue incidence in Rio de Janeiro, Brazil', *American Journal of Tropical Medicine and Hygiene*, 79(6), pp. 933–939.
- Machado-machado, E. A. (2012) 'Empirical mapping of suitability to dengue fever in Mexico using species distribution modeling', *Applied Geography*. Elsevier Ltd, 33, pp. 82–93. doi: 10.1016/j.apgeog.2011.06.011.
- Maheswaran, R. and Haining, R. P. (2004) 'Basic Issues in Geographical Analysis', in Maheswaran, R. and Craglia, M. (eds) *GIS in Public Health Practice*. Boca Raton: CRC Press, pp. 13–29.
- Martinez, E. Z. and da Silva, E. A. S. (2011) 'Predicting the number of cases of dengue infection in Ribeirão Preto, São Paulo State, Brazil, using a SARIMA model', *Caderno de Saúde Pública*, 27(9), pp. 1809–1818.
- Martinez, E. Z., da Silva, E. A. S. and Fabbro, A. L. D. (2011) 'A SARIMA forecasting model to predict the number of cases of dengue in Campinas, State of São Paulo, Brazil', *Revista da Sociedade Brasileira de Medicina Tropical*, 44(4), pp. 436–440.
- Mondini, A. and Chiaravalloti Neto, F. (2007) 'Socioeconomic variables and dengue transmission', *Revista de Saude Publica*, 41(6), pp. 923–930. doi: S0034-89102007000600006 [pii].
- Mullner, R. M., Chung, K., Croke, K. G. and Mensah, E. K. (2004) 'Geographic

Information Systems in public health and medicine’, *Journal of Medical Systems*, 28(3), pp. 215–221.

Murray, C. J. L., et.al. (2012) ‘Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990 – 2010 : a systematic analysis for the Global Burden of Disease Study 2010’, *The Lancet*, 380, pp. 2197–2223. doi: 10.1016/S0140-6736(12)61689-4.

Naish, S., Dale, P., Mackenzie, J. S., McBride, J., Mengersen, K. and Tong, S. (2014) ‘Climate change and dengue: a critical and systematic review of quantitative modelling approaches.’, *BMC infectious diseases*. BMC Infectious Diseases, 14, p. 167. doi: 10.1186/1471-2334-14-167.

Ooi, E.-E. and Gubler, D. J. (2008) ‘Dengue in Southeast Asia : epidemiological characteristics and strategic challenges in disease prevention’, *Cad Saude Publica*, 25(sup 1), pp. 115–124.

Ooi, E.-E. and Gubler, D. J. (2009) ‘Dengue in Southeast Asia: epidemiological characteristics and strategic challenges in disease prevention.’, *Cadernos de saude publica / Ministerio da Saude, Fundacao Oswaldo Cruz, Escola Nacional de Saude Publica*, 25 Suppl 1, pp. S115–S124. doi: 10.1590/S0102-311X2009001300011.

Ostfeld, R. S., Glass, G. E. and Keesing, F. (2005) ‘Spatial epidemiology: an emerging (or re-emerging) discipline’, *TRENDS in Ecology and Evolution*, 20(6), pp. 328–336. doi: 10.1016/j.tree.2005.03.009.

Pemerintah Daerah Kabupaten Bantul (2012) *No Title*. Available at: <http://www.bantulkab.go.id> (Accessed: 31 October 2012).

Pemerintah Daerah Kabupaten Sleman (2012) *No Title*. Available at: <http://www.slemankab.go.id> (Accessed: 31 October 2012).

Pemerintah Daerah Kota Yogyakarta (2012) *No Title*. Available at: <http://www.jogjakota.go.id> (Accessed: 31 October 2012).

Peraturan Kepala Badan Pusat Statistik Nomor 37 Tahun 2010 tentang Klasifikasi Perkotaan dan Perdesaan di Indonesia (2010). Jakarta: Badan Pusat Statistik.

Pfeiffer, D., Robinson, T. and Stevenson, M. (2008) *Spatial analysis in epidemiology*. Oxford: Oxford University Press. doi: 10.1016/j.actatropica.2004.05.001.

Pham, H. V, Doan, H. T. M., Phan, T. T. T. and Minh, N. N. T. (2011) ‘Ecological factors associated with dengue fever in a central highlands Province, Vietnam’, *BMC Infectious Diseases*. BioMed Central Ltd, 11, p. 172. doi: 10.1186/1471-2334-11-172.

Pinto, E., Coelho, M., Oliver, L. and Massad, E. (2011) ‘The influence of climate variables on dengue in Singapore’, *International Journal of Environmental Health Research*, 21(6), pp. 415–416.

Pusat Pengelolaan Ekoregion Jawa Kementerian Lingkungan Hidup (2014) *Ekoregion Propinsi D. I. Yogyakarta*. Available at: http://www.ppejawa.com/16_ekoregion_provinsi_di_yogyakarta.html (Accessed: 24 March 2014).

Racloz, V., Ramsey, R., Tong, S. and Hu, W. (2012) ‘Surveillance of Dengue fever virus : A review of epidemiological models and early warning systems’, *PLoS Neglected Tropical Diseases*, 6(5), p. e1648. doi: 10.1371/journal.pntd.0001648.

Ramadona, A. L., Lazuardi, L., Hii, Y. L., Holmner, Å., Kusnanto, H. and Rocklöv, J. (2016) ‘Prediction of dengue outbreaks based on disease surveillance and meteorological

data', *PLoS ONE*, 11(3), pp. 1–18. doi: 10.1371/journal.pone.0152688.

Rasidi, M. N. M., Sahani, M., Othman, H., Hod, R., Idrus, S., Ali, Z. M., Er, A. C. and Rosli, M. H. (2013) 'Aplikasi Sistem Maklumat Geografi untuk pemetaan reruang-masa: suatu kajian kes Denggi di Daerah Seremban, Negeri Sembilan, Malaysia', *Sains Malaysiana*, 42(8), pp. 1073–1080.

Rigau-Perez, J. G., Clark, G. G., Gubler, D. J. and Paul, R. (1998) 'Dengue and dengue haemorrhagic fever', *The Lancet*, 352, pp. 971–977.

Rotela, C., Fouque, F., Lamfri, M., Sabatier, P., Introini, V., Zaidenberg, M. and Scavuzzo, C. (2007) 'Space-time analysis of the dengue spreading dynamics in the 2004 Tartagal outbreak, Northern Argentina', *Acta Tropica*, 103(1), pp. 1–13. doi: 10.1016/j.actatropica.2007.05.003.

Runge-ranzinger, S., Horstick, O., Marx, M. and Kroeger, A. (2008) 'What does Dengue disease surveillance contribute to predicting and detecting outbreaks and describing trends?', *Tropical Medicine and International Health*, 13(8), pp. 1022–1041. doi: 10.1111/j.1365-3156.2008.02112.x.

Service, M. (2008) *Medical Entomology for Students*. 4th edn. Cambridge: Cambridge University Press.

Shepard, D. S., Undurraga, E. a. and Halasa, Y. a. (2013) 'Economic and disease burden of Dengue in Southeast Asia', *PLoS Neglected Tropical Diseases*, 7(2), p. e2055. doi: 10.1371/journal.pntd.0002055.

Silawan, T., Singhasivanon, P., Kaewkungwal, J., Nimmanitya, S. and Suwonkerd, W. (2008) 'Temporal patterns and forecast of dengue infection in Northeastern Thailand', *Southeast Asian Journal of Tropical Medicine and Public Health*, 39(1), pp. 90–98.

Simmons, C. P., Farrar, J. J., Chau, N. van V. and Wills, B. (2012) 'Dengue: current concepts', *The New England Journal of Medicine*, 366(15), pp. 1423–1432.

Sirusa - Sistem Rujukan Statistik - View Indikator (no date). Available at: <https://sirusa.bps.go.id/index.php?r=indikator/view&id=111> (Accessed: 17 October 2017).

Sitepu, M. S., Kaewkungwal, J., Luplerdop, N., Soonthornworasiri, N., Silawan, T., Pongsombat, S. and Lawpoolsri, S. (2013) 'Temporal patterns and a disease forecasting model of Dengue Hemorrhagic Fever in Jakarta based on 10 years of surveillance data', *Southeast Asian Journal of Tropical Medicine and Public Health*, 44(2), pp. 206–217.

Sriprom, M., Chalvet-Monfray, K., Chaimane, T., Vongsawat, K. and Bicout, D. J. (2010) 'Monthly district level risk of dengue occurrences in Sakon Nakhon Province, Thailand', *Science of the Total Environment*. Elsevier B.V., 408(22), pp. 5521–5528. doi: 10.1016/j.scitotenv.2010.08.024.

Stahl, H., Butenschoen, V. M., Tran, H. T., Gozzer, E., Skewes, R., Mahendradhata, Y., Runge-ranzinger, S., Kroeger, A. and Farlow, A. (2013) 'Cost of dengue outbreaks : literature review and country case studies', *BMC Public Health*. BMC Public Health, 13, p. 1048. doi: 10.1186/1471-2458-13-1048.

Suaya, J. A., Shepard, D. S., Siqueira, J. B., Martelli, C. T., Lum, L. C. S., Tan, L. H., Kongsin, S., Jiamton, S., Garrido, F., Montoya, R., Armien, B., Huy, R., Castillo, L., Caram, M., Sah, B. K., Sughayyar, R., Tyo, K. R. and Halstead, S. B. (2009) 'Cost of Dengue cases in eight countries in the Americas and Asia : a prospective study', *American Journal of Tropical Medicine and Hygiene*, 80(5), pp. 846–855.

- Sukowati, S. (2010) 'Masalah vektor Demam Berdarah Dengue (DBD) dan pengendaliannya di Indonesia', *Buletin Jendela Epidemiologi*, 2, pp. 26–30.
- Suwandono, A., Kosasih, H., Nurhayati, Kusriastuti, R., Harun, S., Ma'roef, C., Wuryadi, S., Herianto, B., Yuwono, D., Porter, K. R., Beckett, C. G. and Blair, P. J. (2006) 'Four dengue virus serotypes found circulating during an outbreak of dengue fever and dengue haemorrhagic fever in Jakarta, Indonesia, during 2004', *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 100, pp. 855–862. doi: 10.1016/j.trstmh.2005.11.010.
- Tabachnick, B. G. and Fidell, L. S. (2007) *Using Multivariate Statistics*. 5th edn. Boston: Pearson.
- Thai, K. T. D. and Anders, K. L. (2011) 'The role of climate variability and change in the transmission dynamics and geographic distribution of dengue', *Experimental Biology and Medicine*, 236, pp. 944–954. doi: 10.1258/ebm.2011.010402.
- Thammapalo, S., Chongsuvivatwong, V., Geater, A. and Dueravee, M. (2007) 'Environmental factors and incidence of dengue fever and dengue haemorrhagic fever in an urban area, Southern Thailand', *Epidemiology Infection*, 15, pp. 1–9.
- Thongcharoen, P. (ed.) (1993) *Monograph on Dengue/DHF*. New Delhi: World Health Organization Regional Office for South East Asia.
- Tsai, C. T., Sung, F. C., Chen, P. S. and Lin, S. C. (2012) 'Exploring the spatial and temporal relationships between mosquito population dynamics and dengue outbreaks based on climatic factors', *Stochastic Environmental Research and Risk Assessment*, 26, pp. 671–680. doi: 10.1007/s00477-011-0527-z.
- United Nations Environment Programme (UNEP) (2012) *Early Warning Systems: a State of the Art Analysis and Future Directions, Environmental Development*. Nairobi: Division of early Warning & Assessment (DEWA), United Nations Environment Programme (UNEP). doi: <http://dx.doi.org/10.1016/j.envdev.2012.09.004>.
- Vanwambeke, S. O., Bennett, S. N., Kapan, D. D. and Lemai, G. (2011) 'Spatially disaggregated disease transmission risk : land cover , land use and risk of dengue transmission on the island of Oahu', *Tropical Medicine and International Health*, 16(2), pp. 174–185. doi: 10.1111/j.1365-3156.2010.02671.x.
- Vanwambeke, S. O., Lambin, E. F., Eichhorn, M. P., Harbach, R. E., Oskam, L., Somboon, P., Beers, S. Van, Benthem, B. H. B. Van, Walton, C. and Butlin, R. K. (2007) 'Impact of land-use change on Dengue and Malaria in Northern Thailand', *EcoHealth*, 4, pp. 37–51. doi: 10.1007/s10393-007-0085-5.
- Viana, D. V. and Ignotti, E. (2013) 'The occurrence of dengue and weather changes in Brazil: A systematic review', *Revista Brasileira de Epidemiologia*, 16(2), pp. 240–156.
- Wahono, T. D. (ed.) (2004) *Demam Berdarah Dengue: Kajian Masalah Kesehatan*. Jakarta: Balitbangkes Depkes RI.
- Waller, L. A. and Gotway, C. A. (2004) *Applied Spatial Statistics for Public Health Data*. New Jersey: Wiley Interscience. doi: 10.1198/jasa.2005.s15.
- Wen, T. H., Lin, N. H., Chao, D. Y., Hwang, K. P., Kan, C. C., Lin, K. C. M., Wu, J. T. S., Huang, S. Y. J., Fan, I. C. and King, C. C. (2010) 'Spatial-temporal patterns of dengue in areas at risk of dengue hemorrhagic fever in Kaohsiung, Taiwan, 2002', *International Journal of Infectious Diseases*, 14(4), pp. 334–343. doi: 10.1016/j.ijid.2009.06.006.
- Wen, T. H., Lin, N. H., Lin, C. H., King, C. C. and Su, M. D. (2006) 'Spatial mapping of

temporal risk characteristics to improve environmental health risk identification: A case study of a dengue epidemic in Taiwan', *Science of the Total Environment*, 367(2–3), pp. 631–640. doi: 10.1016/j.scitotenv.2006.02.009.

Wen, T., Lin, M., Fang, C., Lin, M., Disease, V. and Cases, N. D. (2012) 'Population Movement and Vector-Borne Disease Transmission : Differentiating Spatial – Temporal Diffusion Patterns of Commuting and Noncommuting Dengue Population Movement and Vector-Borne Disease Transmission : Differentiating Spatial – Temporal Noncommut', *Annals of the Association of American Geographers*, 102(5), pp. 1026–1037.

Wilder-smith, A., Renhorn, K., Tissera, H., Bakar, S. A., Alphey, L., Kittayapong, P., Lindsay, S., Logan, J., Hatz, C., Reiter, P., Louis, R. and Lagneau, C. (2012) 'DengueTools: innovative tools and strategies for the surveillance and control of dengue', *Global Health Action*, 5, p. 17273. doi: 10.3402/gha.v5i0.17273.

Winahju, W. S. and Mukarromah, A. (2012) 'Modeling dengue cases using poisson INAR', *Procedia Engineering*, 50, pp. 837–847. doi: 10.1016/j.proeng.2012.10.092.

Wirawan, D. N. (2016) 'Public Health and Preventive Medicine Archive', 4(2), pp. 118–119.

Wiwanitkit, V. (2014) 'Lessons learned from previous dengue outbreaks', *Asian Pacific Journal of Tropical Disease*. Asian Pacific Tropical Medicine Press, 4(1), pp. 67–70. doi: 10.1016/S2222-1808(14)60317-0.

Wongkoon, S., Jaroensutasinee, M. and Jaroensutasinee, K. (2012) 'Development of temporal modeling for prediction of dengue infection in Northeastern Thailand', *Asian Pacific Journal of Tropical Medicine*, 5(3), pp. 249–252. doi: 10.1016/S1995-7645(12)60034-0.

Wongkoon, S., Pollar, M., Jaroensutasinee, M., Jaroensutasinee, K. and Site, A. S. (2009) 'Predicting DHF incidence in Northern Thailand using time series analysis technique', *International Journal of Biological and Medical Sciences*, 4(3), pp. 117–122.

World Health Organization (2007) *Scientific Working Group Report on Dengue*. Geneva.

World Health Organization (2008) *The Dengue Strategic Plan for the Asia Pacific Region 2008-2015*. New Delhi & Manila.

World Health Organization (2009) *Dengue: Guidelines for Diagnosis, Treatment, Prevention and Control*. New Editio, *Prevention and Control*. New Editio. Geneva: WHO and Special Programme for Research and Training in Tropical Disease (TDR). Available at: http://whqlibdoc.who.int/publications/2009/9789241547871_eng.pdf.

World Health Organization (2012a) *Global Strategy for Dengue Prevention and Control, 2012-2020*. Geneva: World Health Organization.

World Health Organization (2012b) *Weekly Epidemiological Record*. Available at: <http://www.who.int/wer> (Accessed: 12 August 2012).

World Health Organization (2014) *Dengue and Severe Dengue, Factsheet No 117*. Available at: <http://www.who.int/mediacentre/factsheets/fs117/en/> (Accessed: 31 August 2014).

World Health Organization (WHO) Regional Office for South-East Asia (2011) *Comprehensive Guidelines for Prevention and Control of Dengue and Dengue Haemorrhagic Fever*. Revised an. India: World Health Organization.

World Health Organization Regional Office for South-East Asia (2012) *Dengue*. Available at:

http://www.searo.who.int/entity/vector_borne_tropical_diseases/data/data_factsheet/en/index1.html (Accessed: 5 April 2013).

Wu, P., Guo, H., Lung, S., Lin, C. and Su, H. (2007) 'Weather as an effective predictor for occurrence of dengue fever in Taiwan', *Acta Tropica*, 103, pp. 50–57. doi: 10.1016/j.actatropica.2007.05.014.

Yu, H., Yang, S., Yen, H. and Christakos, G. (2011) 'A spatio-temporal climate-based model of early dengue fever warning in southern Taiwan', *Stochastic Environmental Research and Risk Assessment*, 25, pp. 485–494. doi: 10.1007/s00477-010-0417-9.

Zhang, X., Liu, Y., Yang, M., Zhang, T., Young, A. A. and Li, X. (2013) 'Comparative study of four time series methods in forecasting Typhoid Fever incidence in China', *PLoS ONE*, 8(5), p. e63116. doi: 10.1371/journal.pone.0063116.

Zhou, X.-N., Lv, S., Yang, G.-J., Kristensen, T. K., Bergquist, N. R., Utzinger, J. and Malone, J. B. (2009) 'Spatial epidemiology in zoonotic parasitic diseases: insights gained at the 1st International Symposium on Geospatial Health in Lijiang, China, 2007.', *Parasites & vectors*, 2, p. 10. doi: 10.1186/1756-3305-2-10.