

Lesson: Understanding Disease and Illness as a Socio-Environmental Problem

Case Study Articles

Castro, M.C., Baeza, A., Torres Codeço, C. et al. (2019). Development, environmental degradation, and disease spread in the Brazilian Amazon. *PLOS Biology*, 17(11), e3000526.

<https://doi.org/10.1371/journal.pbio.3000526>

De Leo, G.A., Stensgaard, A.S., Sokolow, S.H. et al. (2020). Schistosomiasis and climate change. *BMJ*, 371(m4324). <http://dx.doi.org/10.1136/bmj.m4324>

Han, J., Yin, J. Xiaoxu, W. et al. (2023). Environment and COVID-19 incidence: A critical review. *Journal of Environmental Sciences*, 124, 933-951. <https://doi.org/10.1016/j.jes.2022.02.016>

Izah, S.C., Ovuru, K.F., & Ogwu, M.C. (2022). Lassa fever in Nigeria: Social and ecological risk factors exacerbating transmission and sustainable management strategies. *International Journal of Tropical Diseases*, 5(2). <https://doi.org/10.23937/2643-461X/1710065>

Keesing, F. and Ostfeld, R.S., 2021. Impacts of biodiversity and biodiversity loss on zoonotic diseases. *Proceedings of the National Academy of Sciences*, 118(17), e2023540118. <https://doi.org/10.1073/pnas.2023540118>

Morgan, J., Strode, C., & Salcedo-Sora, J.E. (2021). Climatic and socio-economic factors supporting the co-circulation of dengue, Zika and chikungunya in three different ecosystems in Colombia. *PLOS Neglected Tropical Diseases*, 15(3), e0009259. <https://doi.org/10.1371/journal.pntd.0009259>

Naserrudin, N.A., Hod, R., Jeffree, M.S. et al. (2022). The emerging threat of *Plasmodium knowlesi* malaria infection: a concept paper on the vulnerable factors in humans. *International Journal of Environmental Research and Public Health*, 19(7), 4419. <https://doi.org/10.3390/ijerph19074419>

Pees, M., Brockmann, M., Steiner, N. et al. (2023). Salmonella in reptiles: a review of occurrence, interactions, shedding and risk factors for human infections. *Frontiers in Cell and Developmental Biology*, 11, 1251036. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10562597/>

Plowright, R.K., Reaser, J.K., Locke, H. et al. (2021). Land use-induced spillover: a call to action to safeguard environmental, animal, and human health. *The Lancet Planetary Health*, 5(4), e237-e245. <https://pubmed.ncbi.nlm.nih.gov/33684341/>

Rahman, M.S., Ekalaksananan, T., Zafar, S. et al. (2021). Ecological, social, and other environmental determinants of dengue vector abundance in urban and rural areas of northeastern Thailand. *International Journal of Environmental Research and Public Health*, 18(11), 5971. <https://doi.org/10.3390/ijerph18115971>

Rasolofoson, R.A., Ricketts, T.H., Jacob, A. et al. (2020). Forest conservation: a potential nutrition-sensitive intervention in low-and middle-income countries. *Frontiers in Sustainable Food Systems*, 4. <https://doi.org/10.3389/fsufs.2020.00020>