

Harry Gibson: Bibliography of peer reviewed publications

Nguyen., M.; Howes, R.E.; Lucas, T.C.D.; Battle., K.E.; Cameron, E.; **Gibson, H.S.**; et al., **2020**. Mapping malaria seasonality in Madagascar using health facility data. *BMC Medicine* 18, 26(2020). <https://doi.org/10.1186/s12916-019-1486-3>

Tusting, L.; Bradley, J.; Bhatt, S.; **Gibson, H.S.**; Weiss, D.J.; Shenton, F.; Lindsay, S., **2020**. Environmental temperature and growth faltering in African children: a cross-sectional study. *Lancet Planetary Health* (in press: publication expected 2020/03/25)

Dalrymple, U.; Cameron, E.; Arambepola, R.; Battle, K.E.; et al. (including **Gibson, H.S.**), **2019**. The contribution of non-malarial febrile illness co-infections to *Plasmodium falciparum* case counts in health facilities in sub-Saharan Africa. *Malaria journal* 18, 195. <https://doi.org/10.1186/s12936-019-2830-y>

Battle, K.E.; Lucas, T.C.D.; Nguyen, M.; Howes, R.E.; et al. (including **Gibson, H.S.**), **2019**. Mapping the global endemicity and clinical burden of *Plasmodium vivax*, 2000-17: a spatial and temporal modelling study. *The Lancet*, 394(10195), p.332. [https://doi.org/10.1016/S0140-6736\(19\)31096-7](https://doi.org/10.1016/S0140-6736(19)31096-7)

Weiss, D.J.; Lucas, T.C.D.; Nguyen, M.; Nandi, A.K.; et al. (including **Gibson, H.S.**), **2019**. Mapping the global prevalence, incidence, and mortality of *Plasmodium falciparum*, 2000-17: a spatial and temporal modelling study. *The Lancet*, 394(10195), p.322. [https://doi.org/10.1016/S0140-6736\(19\)31097-9](https://doi.org/10.1016/S0140-6736(19)31097-9)

Guerra, C.A.; Kang, S.Y.; Citron, D.T.; Hergott, D.E.B.; Perry, M.; Smith, J.; Phiri, W.P.; Nfumu, J.O.O.; Eyono, J.N.M.; Battle, K.E.; **Gibson, H.S.**; García, G.A.; Smith, D.L. **2019**. Human mobility patterns and malaria importation on Bioko Island. *Nat Commun*, 10, 2332. <https://doi.org/10.1038/s41467-019-10339-1>

Tusting, L.S.; Bisanzio, D.; Alabaster, G.; Cameron, E.; Cibulskis, R.; Davies, M.; Flaxman, S.; **Gibson, H.S.**; Knudsen, J.; Mbogo, C.; Okumu, F.O. **2019**. Mapping changes in housing in sub-Saharan Africa from 2000 to 2015. *Nature*, 568(7752), p.391. <https://doi.org/10.1038/s41586-019-1050-5>

Hendriks, C.M.J.; **Gibson, H.S.**; Trett, A.; Python, A.; et al. **2019**. Mapping geospatial processes affecting the environmental fate of agricultural pesticides in Africa. *International Journal of Environmental Research and Public Health*, 16(19), p.3523. <https://doi.org/10.3390/ijerph16193523>

Kang, S.Y.; Battle, K.E.; **Gibson, H.S.**; Ratsimbaoa, A.; Randrianarivelosia, M.; Ramboarina, S.; Zimmerman, P.A.; Weiss, D.J.; Cameron, E.; Gething, P.W.; Howes, R.E. **2018**. Spatio-temporal mapping of Madagascar's Malaria Indicator Survey results to assess *Plasmodium falciparum* endemicity trends between 2011 and 2016. *BMC medicine*, 16(1), p.71. <https://doi.org/10.1186/s12916-018-1060-4>

Kang, S.Y.; Battle, K.E.; **Gibson, H.S.**; Cooper, L.V.; Maxwell, K.; Kanya, M.; Lindsay, S.W.; Dorsey, G.; Greenhouse, B.; Rodriguez-Barraquer, I. **2018**. Heterogeneous exposure and hotspots for malaria vectors at three study sites in Uganda. *Gates open research*, 2018, 2:32. <https://doi.org/10.12688/gatesopenres.12838.2>

Osgood-Zimmerman, A.; Millea, A.I.; Stubbs, R.W.; Shields, et al. (including **Gibson, H.S.**), **2018**. Mapping child growth failure in Africa between 2000 and 2015. *Nature*, 555(7694), p.41. <https://doi.org/10.1038/nature25760>

Weiss, D.J.; Nelson, A.; **Gibson, H.S.**; Temperley, W.; Peedell, S.; Lieber, A.; Hancher, M.; Poyart, E.; Belchior, S.; Fullman, N.; Mappin, B. **2018**. A global map of travel time to cities to assess inequalities in accessibility in 2015. *Nature*, 553(7688), p.333. <https://doi.org/10.1038/nature25181>

Pfeffer, D.A.; Lucas, T.C.; May, D.; Harris, J.; et al. (including **Gibson, H.S.**), **2018**. malariaAtlas: an R interface to global malariometric data hosted by the Malaria Atlas Project. *Malaria journal*, 17(1), p.352. <https://doi.org/10.1186/s12936-018-2500-5>

Golding, N.; Burstein, R.; Longbottom, J.; Browne, A.J.; et al. (including **Gibson, H.S.**). **2017**. Mapping under-5 and neonatal mortality in Africa, 2000–15: a baseline analysis for the Sustainable Development Goals. *The Lancet*, 390(10108), pp.2171-2182. [https://doi.org/10.1016/S0140-6736\(17\)31758-0](https://doi.org/10.1016/S0140-6736(17)31758-0)

Tusting, L.S.; Bottomley, C.; **Gibson, H**; Kleinschmidt, I.; Tatem, A.J.; Lindsay, S.W.; Gething, P.W. **2017**. Housing improvements and malaria risk in sub-Saharan Africa: a multi-country analysis of survey data. *PLoS medicine*, 14(2), p.e1002234. <https://doi.org/10.1371/journal.pmed.1002234>

Shearer, FM; Huang, Z; Weiss, DJ; Wiebe, A; **Gibson, HS**; Battle, KE, et al. **2016**. Estimating Geographical Variation in the Risk of Zoonotic Plasmodium knowlesi Infection in Countries Eliminating Malaria. *PLoS Negl Trop Dis* 10(8): e0004915. <https://doi.org/10.1371/journal.pntd.0004915>

Moyes, CL; Shearer, FM; Huang, Z; Wiebe, A; **Gibson, HS**; et al. **2016**. Predicting the geographical distributions of the macaque hosts and mosquito vectors of Plasmodium knowlesi malaria in forested and non-forested areas. *Parasites & Vectors* 9:242. <https://doi.org/10.1186/s13071-016-1527-0>

Battle, KE; Bisanzio, D; **Gibson, H.S.**; Bhatt, S, et al. **2016**. Treatment-seeking rates in malaria-endemic countries. *Malaria Journal* 15:20. <https://doi.org/10.1186/s12936-015-1048-x>.

Messina, J.P.; Pigott, D.M.; Golding, N.; Duda, K.A.; Brownstein, J.S.; Weiss, D.J.; **Gibson, H.S.**, et al. **2015**. The global distribution of Crimean-Congo hemorrhagic fever. *Trans R Soc Trop Med Hyg* 109 (8): 503-513. <https://doi.org/10.1093/trstmh/trv050>

Stewart, E.J.; Morris, D.G.; Jones, D.A.; **Gibson, H.S.** **2012**. Frequency analysis of extreme rainfall in Cumbria 18-21 November 2009. *Hydrology Research* 43(5) 649-662. <https://doi.org/10.2166/nh.2012.033>

Rowson, J.G.; **Gibson, H.S.**; Worrall, F.; Ostle, N.; Burt, T.; Adamson, J.K. **2010**. The complete carbon budget of a drained peat catchment. *Soil Use and Management*, 26 (3).261-273. <https://doi.org/10.1111/j.1475-2743.2010.00274.x>

Gibson, H.S.; Worrall, F.; Burt, T. P.; Adamson, J. K. **2009**. DOC budgets of drained peat catchments: implications for DOC production in peat soils. *Hydrological Processes*, 23:1901–1911. <https://doi.org/10.1002/hyp.7296>

Worrall, F.; **Gibson, H.S.**; Burt, T.P. **2007**. Modelling the impact of drainage and drain-blocking on dissolved organic carbon release from peatlands, *Journal of Hydrology*, 338 (1-2): 15-27. <https://doi.org/10.1016/j.jhydrol.2007.02.016>

Worrall, F.; **Gibson, H.S.**; Burt, T.P. **2008**. Production vs. solubility in controlling runoff of DOC from peat soils - The use of an event analysis. *Journal of Hydrology*, 358 (1-2): 84-95. <https://doi.org/10.1016/j.jhydrol.2008.05.037>