

Supplementary Material

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Table S1. Number of publications evaluating the impact of climate change on dengue cases per year from 1974 to 2022.

Year	Global Publications	Southeast Asia Publications
1974	1	0
1975	1	0
1976	3	0
1977	1	0
1978	0	0
1979	0	0
1980	0	0
1981	0	0
1982	1	0
1983	2	1
1984	0	0
1985	0	0
1986	0	0
1987	2	2
1988	0	0
1989	0	0
1990	0	0
1991	3	0
1992	1	0
1993	1	2
1994	3	0
1995	1	1

1996	7	0
1997	4	1
1998	9	1
1999	8	1
2000	12	3
2001	18	3
2002	11	1
2003	17	5
2004	15	3
2005	14	0
2006	28	6
2007	30	5
2008	42	9
2009	56	8
2010	54	15
2011	59	12
2012	83	23
2013	100	27
2014	122	25
2015	117	24
2016	151	41
2017	157	28
2018	168	27
2019	173	39
2020	203	44
2021	226	49
2022	151	43

Table S2. Statistical description of GDP per capita, HDI, number of cases, and publications (USA, Brazil, China, Thailand, Malaysia, Singapore, Vietnam, Indonesia, Philippines)

	Mean value	Standard deviation	N
GDP per capita	20619.60072	26026.831750	53
HDI*	0.78549	0.090778	45
publication	19.41	22.210	54
Number of cases	211715.46	478278.431	54

HDI, Human Development Index

Table S3. Pearson's correlation coefficient between GDP per capita, HDI, number of cases, and publications

		GDP per capita	HDI*	publication	Number of cases
GDP per capita	Pearson Correlation	1	0.904	0.491	-0.225
	Sig.(2-tailed)		0.000	0.000	0.105
	N	53	44	53	53
HDI	Pearson Correlation	0.904	1	0.441	-0.335
	Sig.(2-tailed)	0.000		0.002	0.025
	N	44	45	45	45
publication	Pearson Correlation	0.491	0.441	1	0.013
	Sig.(2-tailed)	0.000	0.002		0.928
	N	53	45	54	54
Number of cases	Pearson Correlation	-0.225	-0.335	0.013	1
	Sig.(2-tailed)	0.105	0.025	0.928	
	N	53	45	54	54

HDI, Human Development Index