

**RESEARCH PUBLICATIONS**  
**The Centre for Environment and Population Health**  
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**Publications since 2011:** 162 Journal articles, 4 book chapters, 4 communication booklets, 2 translated books and a feature film (51 minutes).

**Journal articles**

**2018**

1. Qiu W, Chu C, Mao A & Wu J(2018) “The Impacts on Health, Society, and Economy of SARS and H7N9 Outbreaks in China: A Case Comparison Study” In *Journal of Environmental and Public Health* . Volume 2018, Article ID 2710185. <https://doi.org/10.1155/2018/2710185>.
2. Phung D, Chu C, Tran DN,Huang CR(2018) “Spatial variation of heat-related morbidity: A hierarchical Bayesian analysis I multiple districts of the Mekong Delta Region” in *Science of the Total Environment* 637-638(2018) 1559-1565.
3. Atabila A, Sadler R, Phung DT, Hogarh J, Carswell S, Turner S, Patel R, Connell D& Chu C (2018), “Biomonitoring of chlorpyrifos exposure and health risk assessment among applicators on rice farmers in Ghana” in *Env Science and Pollution Research*. May 2018. DOI.10.1007/s11356-018-2259-9.
4. Dhimal M, Dahal S, Dhimal ML, Misha SR, Karki KB, Aryal KK, Haque U, Kabir MI, Guin P, Butt AM, Harapan H, Liu QY, Chu C, Montag D, Groneberg DA, Pandey BD, Kuch U and Muller R (2018) “Threats of Zika virus transmission for Asia and its Hindu-Kush Himalayan region” in *Infectious Diseases of Poverty* 7:40. <https://doi.org/10.1186/s40249-018-0426-3>.
5. Banwell N, Rutherford S, Mackey B, & Chu C.(2018) “Towards Improved Linkage of Disaster Risk Reduction and Climate Change Adaptation in Health: A Review.” in Special Issue “*Public Health and Disasters*”, in *Int. J. Environ. Res. Public Health*. 2018;15(4), 793. doi:10.3390/ijerph15040793
6. Banwell N, Rutherford S, Mackey B, Street R, Chu C.(2018) “Commonalities between Disaster and Climate Change Risks for Health: A Theoretical Framework.” In Special Issue “*Public Health and Disasters*”, in *Int. J. Environ. Res. Public Health*. 2018; 15(3):538.
7. Phung D, Nguyen HX, Nguyen HLT, Luong AM, Do CM, Tran QD & Chu C (2018) “The effects of socioecological factors on variation of communicable diseases: A multiple-disease study at the national scale of Vietnam” in *PLoS ONE* 13(3):e0193246. DOI.10.1371/journal.pone.-193246.

**2017**

8. Phung D, Tran PD, Nguyen LH, Do CM, Rutherford S & Chu C (2017) “The impact of prevention and control of infectious disease law on diarrhea control: a 5-year evaluation in multiple provinces in Vietnam” in *Health Policy and Planning*, 32, 1347-1353. doi: 10.1093/heapol/czx099
9. Qiu W & Chu C (2017) 我国公共卫生应急管理风险沟通探讨 “A review of Risk Communication in Chinese Public Health Emergency Management” in *Chinese Journal of Hygiene Rescue* (Electronic Edition), Chinese Medical Association, Vol 3 No 6, 372-374 (in Chinese Language), 中华卫生应急电子杂志 2017年12月第3卷第6期 C DOI:10.3877/cma.j.issn.2095-9133.06.014,
10. Qiu W, Chu C, Hou XH, Rutherford S, Zhu B, Tong ZD & Mao A (2017) “A Comparison of China’s Risk Communication in Response to SARS and H7N9 Using Principles Drawn from International Practice” In *Disaster Medicine and Public Health Preparedness*. <https://www.cambridge.org/core/terms>. <https://doi.org/10.1017/dmp.2017.114>

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11. Qiu W, Rutherford S, Mao A & Chu C (2017) "The Pandemic and its Impacts. In *Health, Culture and Society*. Vol-9-10 (2016-2017) ISSN 2161-6590, DOI 10.5195/hcs.2017.221 | <http://hcs.pitt.edu>
12. Akhter S, Rutherford S & Chu, C (2017) "What makes pregnant workers sick: why, when, where and how? An exploratory study in the ready-made garment industry in Bangladesh" in *Reproductive Health*. (2017) 14:142-150. DOI 10.1 186/s12978-017-0396-0
13. Phung D, Nguyen H, Nguyen HL, & Chu C (2017) "Spatiotemporal variation of hand-foot-mouth disease in relation to socioecological factors: a multiple-province analysis in Vietnam" in *Science of the Total Environment*.
14. Dwipayanti NMU, Rutherford S, Phung TD, & Chu, C(2017) "How Important is Culture to Sanitation Uptake? The Influence of Local Values in Rural Bali" in *Journal of Computational and Theoretical Nanoscience*.
15. Akhter S, Rutherford S, Kumkum FA, Bromwich D, Anwar A, Chu C (2017) "Work, gender roles, and health: neglected mental health issues among female workers in the ready-made garment industry in Bangladesh" in *International Journal of Women's Health*. 2017;9 571-579. <http://www.ncbi.nlm.nih.gov/pubmed/28860866>
16. Talukder MRR, Rutherford S, Huang C, Phung D, Islam MZ, Chu C (2017) "Drinking water salinity and risk of hypertension: A systematic review and meta-analysis" in *Archives of Environmental & Occupational Health*. Vol 72, No3, 126-138. DOI:10.1080/1938244.2016.1175413. Posted online:11 April 2016.
17. Atabila A, Phung D, Hogarh J, Osei-Fosu P, Sadler R, Connell D& Chu C (2017) "Dermal exposure of applicators to chlorpyrifos on rice farmers in Ghana" in *Chemosphere* 178(2017) 350-358.
18. Dung Phung , Des Connell, Shannon Rutherford, Cordia Chu (2017) "Cardiovascular Risk from Water Arsenic Exposure in Vietnam: Application of Systematic Review and Meta-Regression Analysis in Chemical Health Risk Assessment" in *Chemosphere* 177. March 2017. DOI: 10.1016/j.chemosphere.2017.03.012
19. Dwipayanti NMU, Phung TD, Rutherford S& Chu, C(2017) "Towards sustained sanitation services: a review of existing frameworks and an alternative framework combining ecological and sanitation life stage approaches" in *Journal of Water, Sanitation and Hygiene for Development*. 7(1), 25-42. DOI:10.2166/washdev.2017.086.
20. Phung D, Chu C, Rutherford S & Huang C (2017) "Heavy rainfall and risk of infectious intestinal diseases in the most populous city in Vietnam" in *Science of the Total Environment*.
21. Nguyen, H.X., Chu C, Hunyen HLT, Nguyen HT, Do CM, Rutherford S & Phung D (2017), "Temporal and spatial analysis of hand, foot, and mouth disease in relation to climate factors: A study in the Mekong Delta region, Vietnam" in the *Science of the Total Environ*, 581-582 (2017) 706-772. <http://dx.doi.org/10.1016/j.scitotenv.2017.01.006>
22. Phung D, Chu C, Rutherford S, & Huang C (2016) Heatwave and risk of hospitalization: A multi-province study in Vietnam" in *Environmental Pollution* 10/2016, 220, DOI:10.1016/envpol.2016.10.008
23. Wang Q, Li CC, Guo YF, Barnett A, Tong S, Phung D, Chu C, Dear K, Wang XM& Huang CR (2017) "Environmental ambient temperature and blood pressure in adults: A systematic review and meta-analysis" in *Science of the Total Environment*, Jan 2017:575:276-286. DOI:10.1016/j.scitotenv,2016.10.019.
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27. Islam F, Gopalan V, Law S, Tang JC, Chan KW, Lam AK. MiR-498 in oesophageal squamous cell carcinoma: clinicopathological impacts and functional interactions. *Human pathology*. 2017;
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29. Islam F, Gopalan V, Wahab R, Smith RA, Qiao B, Lam AK. Stage dependent expression and tumor suppressive function of FAM134B (JK1) in colon cancer. *Mol Carcinog*. 2017; 56(1):238-249.[IF : 4.81]
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35. Phung D, Chu C, Rutherford S & Huang CR (2016) “Temperature as a risk factor for hospitalisation among young children in the Mekong Delta area” in Heatwave and risk of hospitalization: A multi-province study in Vietnam” in *Environmental Pollution*.
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