



ASSOC. PROF. UMA LANGKULSEN, PH.D.

POSITION: Associate Professor

E-MAIL: uma.langkulsen@fph.tu.ac.th

EDUCATION:

2002-2006: Doctoral of Philosophy Degree, Environmental Management (International Program), Chulalongkorn University, 2006

1995-1998: Master of Science, Environmental Science, Chulalongkorn University, 1998

1989-1993: Bachelor of Nursing, Mahidol University, 1993

HONORS AND AWARD:

- TU research publication award for the second round of fiscal year 2021
- TU academic publication award for the first round of fiscal year 2021
- FPH-TU research publication award of fiscal year 2019
- TU research publication award of fiscal year 2019
- The excellent postdoctoral research award on 29th August 2009, Commission on Higher Education Congress II: University Staff Development Consortium (CHE-USDC Congress II)

RESEARCH INTERESTS:

- Climate Change and Health
- Air Pollution and Health Effects
- Environmental Health

PUBLICATIONS:

Books & Book Chapters

- Langkulsen, U., & Rwodzi, D. (2022). Distribution and allocation of vaccines against COVID-19 and vaccination communication in Thailand. In R. Akhtar (Ed.), *Coronavirus (COVID-19) outbreaks, vaccination, politics and society* (pp. 117-125). Cham, Switzerland: Springer.
- Langkulsen, U., & Rwodzi, D. (2021). Healthcare resources in the context of COVID-19 outbreak—Thailand, 2020. In R. Akhtar (Ed.), *Coronavirus (COVID-19) outbreaks, environment and human behaviour – international case studies* (pp. 63-74). Cham, Switzerland: Springer.
- Langkulsen, U. (2021). *Climate change and health*. Pathum Thani: Thammasat University Press. (in Thai)
- Langkulsen, U., & Rwodzi, D. (2020). Extreme weather and climate events and occupational health in Thailand. In R. Akhtar (Ed.), *Extreme weather events and human health: international case studies* (pp. 209-225). Cham, Switzerland: Springer.
- Langkulsen, U., & Rwodzi, D. (2018). Climate change, air pollution, and human health in Bangkok. In R. Akhtar & C. Palagianio (Eds.), *Climate change and air pollution: the impact on human health in developed and developing countries* (pp. 255-271). Cham, Switzerland: Springer.
- Oo, Y.H., Langkulsen, U., & Vajanapoom, N. (2018). Alcohol consumption among Myanmar migrants in Thailand: factors affecting alcohol use. Riga: LAP LAMBERT Academic Publishing.



ASSOC. PROF. UMA LANGKULSEN, PH.D.

PUBLICATIONS (CONT.):

Journal Articles

- Langkulsen, U., Cheewinsiriwat, P., Rwodzi, D. T., Lambonmung, A., Poompongthai, W., Chamchan, C., Boonmanunt, S., Nakhapakorn, K., & Moses, C. (2022). Coastal erosion and flood coping mechanisms in Southern Thailand: a qualitative study. *International Journal of Environmental Research and Public Health*, 19(19), 12326. <https://doi.org/10.3390/ijerph191912326>
- Langkulsen, U., Rwodzi, D. T., Cheewinsiriwat, P., Nakhapakorn, K., & Moses, C. (2022). Socio-economic resilience to floods in coastal areas of Thailand. *International Journal of Environmental Research and Public Health*, 19(12), 7316. <https://doi.org/10.3390/ijerph19127316>
- Vajanapoom, N., Langkulsen, U., Doran, R., & Homkham, N. (2021). Relationship between factors related to implementation of haze control measures and respiratory health of communities. *Thai Journal of Public Health*, 51(2), 43-52. (in Thai)
- Langkulsen, U., Promsakha na Sakolnakhon, K., & James, N. (2020). Climate change and dengue risk in central region of Thailand. *International Journal of Environmental Health Research*, 30(3), 327-335.
- Langkulsen, U., Rwodzi, D., Van der Putten M., & Vajanapoom, N. (2018). Flood preparedness: challenges for hospitals in Thailand. *Journal of Disaster Research*, 13(5), 978-984.
- Langkulsen, U., & Vichit-Vadakan, N. (2018). Effects of climate change and heat exposure among agricultural and industrial workers in Thailand. *Thai Journal of Science and Technology*, 26(4), 680-693. (in Thai)