

Short presentation

My focus area is cholera, water, sanitation, hygiene, and the transmission of diarrheal diseases. Currently, most of my work is related to Bangladesh, but many of the theories depart from our investigations of the 1853 cholera outbreak in Copenhagen. I am currently heading the disasters and environmental hygiene research group at the section of Global health in the Department of Public health. I have previously linked my environmental health profile with my interest in disasters through my position as Director of the Copenhagen Center for Disaster Research, COPE, and Head of Studies for the Master of Disaster Management program (MDMa), which I co-created in 2008.

Current research:

Combating Cholera caused by Climate Change in Bangladesh (C5)

A multidisciplinary DANIDA-funded study examining the risk and effects of climate-induced cholera on water stress and household hygiene in low-income area Tongi, Bangladesh.

Changing Disasters

An interdisciplinary research project embracing all six university faculties. The project investigates how modern societies interact with disasters.

Interdisciplinary Learning

Combining interdisciplinary research-based in COPE with interdisciplinary teaching at MDMa.

Primary research

My core area is Environmental Hygiene; mainly water and sanitation, as well as the transmission of hygiene-related diseases (such as cholera and other diarrheal diseases) during disastrous events and in developing countries.

Primary teaching

Master of Disaster Management core module

Water and Sanitation in Emergency course

Global Health course, Public health science

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Publications

***Escherichia coli* Ingested via Food May Overshadow the Positive Effects of Clean Drinking Water: An Example from Dhaka**

Jensen, Peter Kjær, Hossain, Z. Z., Ferdous, J., Sultana, R., Almeida, Sara dos Santos, Koch, E. B. & Begum, A., 2022, In: American Journal of Tropical Medicine and Hygiene. 106, 4, p. 1163–1169 7 p.

Abundance and biofilm formation capability of *Vibrio cholerae* in aquatic environment with an emphasis on Hilsha fish (*Tenualosa ilisha*)

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Measuring Water Quantity Used for Personal and Domestic Hygiene and Determinants of Water Use in a Low-Income Urban Community

Sultana, R., Nahar, N., Luby, S. P., Swarna, S. T., Gurley, E. S., Tamason, C. C., Khan, S., Rimi, N. A., Kabir, H., Saifullah, M. K., Howlader, S. R. & Jensen, Peter Kjær, 2022, In: International Journal of Environmental Research and Public Health. 19, 23, 16 p., 15656.

The Meaning of “Hygiene” and Its Linked Practices in a Low-Income Urban Community in Bangladesh

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Comparative Assessment of Fecal Contamination in Piped-to-Plot Communal Source and Point-of-Drinking Water

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Historical and contemporary views on cholera transmission: are we repeating past discussions? Can lessons learned from cholera be applied to COVID-19?

Jensen, Peter Kjær, Grant, S. L., Perner, Mads Linnet, Hossain, Z. Z., Ferdous, J., Sultana, R., Almeida, Sara dos Santos, Phelps, M. & Begum, A., 2021, In: A P M I S. Acta Pathologica, Microbiologica et Immunologica Scandinavica (Online). 129, 7, p. 421-430 10 p.

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Is it human or animal? The origin of pathogenic e. coli in the drinking water of a low-income urban community in bangladesh

Ferdous, J., Rashid, R. B., Sultana, R., Saima, S., Prima, M. J., Begum, A. & Jensen, Peter Kjær, 2021, In: Tropical Medicine and Infectious Disease. 6, 4, 13 p., 181.

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Daisy, S. S., Saiful Islam, A. K. M., Akanda, A. S., Faruque, A. S. G., Amin, N. & Jensen, Peter Kjær, 2020, In: Journal of Water and Health. 18, 2, p. 207-223 17 p.

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