

Publication

Spatial epidemiology of urban health risks in select West African cities

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West African cities face critical societal challenges that are linked to environmental and health changes. These challenges are further exacerbated by urbanization dynamics, climate change, socio-economic mutation and lack of capacity for sustainable urban development, governance and basic services delivery. The deficiency of environmental sanitation and ecosystem services have led to high complexity of urban health risks inequalities, resulting in the need for more research on efficient urban health policies. The purpose of this contribution is to present the main findings on the spatial epidemiology of diarrhoea and malaria, and their associated risks factors in the following select West African cities. Spatial variability of exposure to diarrhoea and malaria transmission is linked to several health risks such as lack of access to water and sanitation, solid wastes management, urban flooding,

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