



Place & Health

13th INTERNATIONAL CONFERENCE ON URBAN HEALTH

San Francisco, CA | April 1-4, 2016 | #ICUH2016



FULL ABSTRACT BOOKLET

Updated 3/31/16

CS 8.4: PLACE BASED ACTIONS TO PREVENT DISEASE AND PROMOTE HEALTH IN CITIES-02

Socio-territorial Approaches to Health in Saint Louis and Bobo-Dioulasso: Key Findings of the SANTINELLES Project

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Abstract

The SANTINELLES project in Saint Louis, Senegal and Bobo Dioulasso, Burkina Faso sought to measure spatial health disparities and to understand them in the context of the physical environment, but also in regards to the social, economic, and historic processes in each city. We aspired to compare the presence and severity of health inequalities among neighborhoods in each city as well as between the two cities, rather than comparing the overall prevalence of disease in each city. Our key health indicators included malaria, anthropod-borne viruses, arterial hypertension, diabetes, nutritional status, anemia, and access to medical care. Our findings indicate that infectious and parasitic diseases remain significant in these urban settings, but non-communicable diseases were also important. We found significant health disparities among the neighborhoods in each city and important differences in the disease burdens of the two cities. The double burden of chronic and infectious diseases is challenging not only to individuals, but also to households that are faced with making difficult financial trade-offs to access medical care.

SANTINELLES in West Africa: Conceptual Underpinnings

Authors

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Abstract

The SANTINELLES project (2012-2015) in Bobo Dioulasso (Burkina Faso) and Saint-Louis (Senegal) employed a comparative transdisciplinary approach to highlight three inter-related processes in the production of health inequalities: inequalities in exposure to health risks, socio-spatial inequalities in health status, and the effects of socio-spatial