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**Mapping of Mothers' Suffering and Child Mortality in Sub-Saharan Africa****Bayuh Asmamaw Hailu***Wollo University, Ethiopia*

Child death and mothers who suffer from child death are a public health concern in Sub-Saharan Africa. The location, associated factors, and potential causes of child death and mothers who suffer child death were not identified. To monitor and prioritize effective interventions, it is important to identify hotspots, associated factors, and potential causes of cases. Data from nationally representative demographic and health survey and Multiple Indicator Cluster administrated in 42 Sub-Sahara Africa countries, which comprised a total of 398,574 mothers with 1,521,312 children. Spatial heterogeneity conducted hotspot regions identified. A mixed-effect regression model was run, and the adjusted ratio with corresponding 95% confidence intervals was estimated. The prevalence of mothers who suffer child death 27% and 45-49 year of age mother 48%. In Niger, 47.1% of mothers were suffering child death. Being haven't HIV knowledge, Stunted, wasted, uneducated, not household head, poor, from rural, and from subtropical significantly increased the odds of the case ( $P < 0.05$ ). The spatial analyses can support the design and prioritization of interventions. Multispectral interventions for mothers who suffer child death are urgently needed, improve maternal health and it will reduce the future risk of cases

**Biography**

Bayuh Asmamaw Hailu is an Epidemiologist and Biostatistician at Wollo University. Bayuh Asemamaw has his expertise in evaluation and passion in improving the health and wellbeing. His open and contextual evaluation of geographic and non-geographic models based on responsive constructivists creates new pathways for improving health care.

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