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Sommario/riassunto	This book is an initial attempt to estimate the loads of heavy metal and nutrient loads into an industrial effluent receiving rivers of a typical industrializing catchment. It shows the effects and impacts of diffuse and point sources of these loads into the rivers, and illuminate management, capacity and policy gaps of riverine water and sediment monitoring in the sub-Saharan countries perspective from Ethiopia. The

study was done in semi-arid catchments of Kombolcha city with industrialising urban and peri-urban areas in north-central Ethiopia. The Leyole and Worka rivers, which receives industrial effluent and wash-off from the catchments' areas, were monitored for two years. This book contribute to our understanding on applicable methods to quantify loads of diffuse and point sources in data poor areas, and the most important contribution is to address the gaps in in controlling emission changes and. The results of this book contribute to the theory of river protection and understanding of water quality management of sub-Saharan African tropical rivers and sediments and provides policy options for improvement in rivers water quality of the sub-Saharan countries. In bridging this gap, this book proposed a model to estimate the total loads of nitrogen and phosphorus from a catchment.
