

Rapid industrialization and global population growth have increases in their industries over the past decades, which generated both positives and negative effects on their people, environment, and economy. One of the negative impacts of industrialization is industrial pollutants released into the environment_ in this case, heavy metals. Heavy metals. Heavy metals are becoming aware of and trying to address. Heavy metal direct or indirect consumption may result in several health effects in the body, including damage and alteration of normal functioning of organs such as the brain, kidney, lungs, liver, and blood, which later result into acute or chronic diseases. This case study will look at heavy metal contamination cases in Rwanda in different drinking water sources. The focus of this case study will be on some common heavy metals released from industrial waste: Lead, Manganese, Iron, Cadmium, Zinc, and Chromium.



Heavy Metal Contamination Trends in an Urbanizing/Industrializing Low Income Country Author: Benite Ishimwe, Faculty advisor: Dr. Esayas Gebremichael Environmental Science & Geology Department, Texas Christian University ABSTRACT

- Even though urbanization has long been associated with human development, recent studies show that urban settings can also lead to health problems,
- The negative health impacts of urbanization affect mostly poor populations because of their limited financial resources, as the cost of food and water is higher in cities. Half of Rwanda's people experience the negative effects of high urbanization rates, as 55% of Rwanda's population lives under the

