

## The Impact Of The Covid-19 Lockdown On Solid Waste Pollution And Environmental Hazard. A Blessing In Disguise? A Case Of Liberia

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**Abstract :** The paper examines the causality between solid waste pollution and lockdown. Particularly in 2020, the world experiences the takeover of the Corona virus pandemic, and most countries decided to adopt lockdown measure as the best solution to curtail the spread of the virus. On March 20, 2020, the Government of Liberia implemented a curfew that starts from 3:00PM to 6:00AM. This means that no unauthorized person is allowed to be in the streets during this time. In most developing countries, the issue of public waste and environmental hazard pollution tend to have a high effect among the slum communities where there are markets. This research covers 6 slums communities around the two biggest market hubs within Monrovia, and the result shows that the lockdown measure significantly reduced public waste pollution by reducing the movement of marketers in slum communities, where limited educational and sensitization for young people is reflected on their job market exclusion, jobless circle, and youth workforce concentration in informal work market. The study discovered that with public awareness and sensitization with females, solid waste could be reduced by 13 percentage point. But there is no evidence that awareness among male conduce pollution. within affected communities, Despite the impact of the lockdown on food consumption, these results emphasized that with the right monitoring of waste and aware, pollution could be reduce. By understanding these results and implementing the best policy, the paper recommends that dump sites be close at certain hours.

**Keywords :** lockdown, environmental, pollution, waste

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