

NITYA
PUBLICATIONS

Convergence of Health



Exploring Legal and Medical Perspectives



Editor

Prof Naseem Ahmed



First Edition 2025

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ISBN : 978-93-5857-095-3

Price : Rs. 1000.00

Published & Printed by :

Nitya Publications, Bhopal MP India

Web : www.nityapublications.com

Email : info@nityapublications.com

Contact : +91 9009291840

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A Comprehensive Analysis of Landfills: Impact on Human Health and Unrelenting Concern

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Introduction

Health problems of humans as the social being is always linked to environmental pollution such as the development of diseases like cholera and typhoid, which are typically thought of as waterborne illnesses. i Additionally, there are a number of birth defects or non-communicable illnesses (NCDs) like cancer and asthma that are caused by environmental pollution. In low-income nations, where environmental pollution is thought to be the cause of 90% of deaths, the substantial negative consequences of pollution on health-related outcomes have been primarily demonstrated. ii In low-income nations, air and water pollution are the two most prevalent types. This contrasts with fast rising economies, where environmental degradation is mostly caused by the toxicity of chemicals and pesticides. iii

The urbanization and industrialization growth around the world has resulted into introduction of several SoC into the air, hence bringing about the respective type of pollution. It is through the earth's atmosphere that life on our planet is fully supported.

Yang et al. (2018) identified five classes of pollutants: particulates, sulphur oxides, nitrogen oxides (NO_x), hydrocarbons, and carbon monoxide (CO). In their study, they reported that in cities and centers, like Karachi and Islamabad, the leading air pollutants included carbon emissions and lead (Pb) (Yang et al. 2018). On the other hand, several types of water pollution exist, resulting in waterborne diseases (Joshi et al. 2016). Some of these waterborne diseases include typhoid, amoebiasis, and ascariasis. Various elements, depending on the concentration they occur, are considered toxic to humans.

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