Pediatrics & Health Research
ISSN: 2574-2817

Open access Short Communication

Growing Up in a Changing World: Pediatric Environmental Problems

Druv Rathod*

Department of Science, University of California, USA

INTRODUCTION

Children are especially vulnerable to the environmental challenges that face our planet. The quality of the air they breathe, the water they drink, and the communities they grow up in all have a profound impact on their health and well-being. This article explores the pediatric environmental problems that children face, their causes, consequences, and the steps we can take to protect the youngest members of our society. Air pollution is a pressing pediatric environmental problem. Exposure to pollutants in the air, such as fine particulate matter (PM2.5) and ground-level ozone, can lead to respiratory problems, including asthma and bronchitis. It can also have long-term health consequences, such as reduced lung function and developmental issues. Reducing air pollution through cleaner energy sources and sustainable transportation can help safeguard children's respiratory health. Lead exposure remains a serious concern for children, especially in older homes with lead-based paint. Even low levels of lead exposure can lead to developmental delays, learning difficulties, and behavioral problems. Regular lead screenings and proper home maintenance are essential in protecting children from lead poisoning.

DESCRIPTION

Access to clean and safe drinking water is crucial for children's health. Water contamination, whether due to heavy metals, industrial pollutants, or agricultural runoff, can lead to a variety of health issues. Regular water quality testing and improved water treatment systems can mitigate this risk. Children may be exposed to pesticides through their diet or when playing in treated areas. Pesticide exposure has been linked to developmental problems and an increased risk of childhood cancers. Organic farming and integrated pest management can reduce the use of harmful pesticides and protect children's health. Climate change poses a broad and complex challenge to children's health. Increasing temperatures, extreme weather events, and shifts in disease patterns can have detrimental effects on child well-being. Mitigating climate change through reduced carbon emissions and adopting sustainable practices is essential to safeguard the future of our children. Noise pollution, especially in urban areas, can disrupt a child's sleep, learning, and overall well-being. Chronic exposure to loud noise can lead to stress and negatively impact cognitive development. Implementing noise regulations and fostering quieter environments can reduce the harmful effects of noise pollution on children. Many children in urban environments lack access to green spaces and parks. This deprivation of nature can hinder physical activity, social development, and overall well-being. Promoting the creation of green spaces in urban areas can provide children with opportunities for play, learning, and relaxation.

The extensive use of electronic devices and screens can contribute to sedentary behavior and decreased physical activity among children. Encouraging outdoor play and limiting screen time is essential for maintaining a healthy lifestyle [1-4].

CONCLUSION

The environmental problems that children face are not isolated issues but are interconnected, requiring a holistic approach to solutions. Parents, communities, policymakers, and organizations must work together to address these pediatric environmental problems effectively. By promoting clean air, safe water, sustainable practices, and healthy living environments, we can ensure that children grow up in a healthier and more sustainable world, allowing them to thrive and reach their full potential. Protecting our planet and its youngest inhabitants is an investment in the well-being and future of us all. Children develop empathy and learn to manage their feelings. This stage is marked by the development of peer relationships and friendships, as children seek companionship and social validation. Children start to form a sense of self-identity, shaped by their experiences, interests, and interactions with others. Adolescence is a period of dramatic change and exploration, typically spanning from ages 13 to 18. It is characterized by: Adolescence marks the onset of puberty,

Received:	30-August-2023	**Manuscript No:**	IPPHR-23-17998
Editor assigned:	01-September-2023	**PreQC No:**	IPPHR-23-17998 (PQ)
Reviewed:	15-September-2023	**QC No:**	IPPHR-23-17998
Revised:	20-September-2023	**Manuscript No:**	IPPHR-23-17998 (R)
Published:	27-September-2023	**DOI:**	10.36648/2574-2817-8.3.30

Corresponding author Druv Rathod, Department of Science, University of California, USA, E-mail: druvrathod123@gmail.com

Citation Rathod D (2023) Growing Up in a Changing World: Pediatric Environmental Problems. Pediatr Heal Res. 8:30.

during which children experience significant physical changes, including the development of secondary sexual characteristics.

ACKNOWLEDGEMENT

None.

CONFLICT OF INTEREST

None.

REFERENCES

1. Ben DD, Masarwa S, Fallach N (2021) National policy for carbapenem-resistant enterobacteriaceae (CRE) clearance and discontinuation of contact precautions for CRE carriers in post-acute care hospitals in Israel: Impact on isolation-days and new acquisitions. Clin Infect Dis 72(5): 829-835.
2. Solter E, Adler A, Rubinovitch B (2018) Israeli national policy for carbapenem-resistant *enterobacteriaceae* Screening, Carrier Isolation and Discontinuation of Isolation. Pediatr Control Hosp Epidemiol 39(1): 85-89.
3. Deryabina A, Lyman M, Yee D (2021) Core components of infection prevention and control programs at the facility level in Georgia: Key challenges and opportunities. Antimicrob Resist Infect Control 10(1): 39.
4. Maraolo AE, Ong DSY, Cimen C (2019) Organization and training at national level of antimicrobial stewardship and infection control activities in Europe: An ESCMID cross-sectional survey. Eur J Clin Microbiol Infect Dis 38(11): 2061-2068.