

Special Issue

Population Health Perspectives on Environmental Exposures and Influences on the Prevalence of Birth Defects and Developmental Disabilities

Message from the Guest Editor

While hypotheses concerning the etiology of birth defects and developmental disabilities abound, the causes of most of these conditions in infants and young children are unknown. The examination of environmental exposures has received increasing scrutiny, especially in the context of emerging awareness of gene–environment interactions and epigenetic effects of environmental exposures. Spatial statistical methods as well as GIS-based techniques have supported many interesting studies in this area. In this Special Issue, we seek manuscripts with empirical data that extend our knowledge of the potential role of environmental factors (including but not limited to air, water, soil, meteorology) that may be associated with an increased risk for birth defects and developmental disabilities, directly or through the interaction with community-level or individual-level factors.

Guest Editor

Prof. Dr. Russell S. Kirby

Department of Community and Family Health, College of Public Health,
University of South Florida, 13201 Bruce B. Downs Blvd MDC56, Tampa,
FL 33612, USA

Deadline for manuscript submissions

closed (30 May 2019)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/17301

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul R. Ward

Centre for Public Health, Equity and Human Flourishing, Torrens
University Australia, Adelaide 5000, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)