Special Issue

Environmental Health Impacts of Hydraulic Fracturing

Message from the Guest Editor

Hydraulic fracturing has opened up previouslyinaccessible oil and gas deposits to economical recovery. At the same time, concerns have been raised over the health and ecological impacts of the process. A variety of potential impacts on health have been proposed including occupation accidents, water and air contamination, and stress associated with community changes. Regulatory approaches have spanned a range from acceptance to categorical bans of the practice. There is a need for research to identify the magnitude of the risks as well as mitigation options, so that appropriate regulatory actions can be taken. For this Special Issue we invite submissions examining the relationship between hydraulic fracturing activities and public health. The topic is construed broadly to include any research that contributes to identifying or mitigating health risks due to hydraulic fracturing. Studies of interest include epidemiological studies, risk assessments, environmental impact assessments, and regulatory policy analyses.

Guest Editor

Dr. Patrick Gurian

Department of Civil, Architectural and Environmental Engineering, Drexel University, Philadelphia, PA 19104, USA

Deadline for manuscript submissions

closed (1 August 2018)



International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/11207

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





International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed





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)