



Artisanal and Small-Scale Gold Mining (ASGM) Related Environmental and Health Problems

Guest Editors:

Dr. Masayuki Sakakibara

Dr. Win Thiri Kyaw

Dr. José Luis Rivera Parra

Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Artisanal and small-scale gold mining (ASGM) activity has been undertaken in developing countries for socio-economic reasons; however, it accounts for the largest anthropogenic source of mercury emission, at over 700 tonnes into the atmosphere and an additional approximately 800 tonnes into land and water annually, which exposes both ASGM miners and nearby communities to the mercury. Moreover, heavy metals other than mercury have also been emitted into the environment due to the process of ASGM. Therefore, ASGM causes environmental disruption and health problems not only in ASGM communities, but across the whole nation, too, owing to the risks it poses. There have been a number of studies published related to mercury and its impact on environment and health.

This Special Issue is open to any research related to the environmental and health problems posed by ASGM and its management.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard N. Dixon
Research Center, Morgan State
University, Baltimore, MD 21251,
USA

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.

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, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Public Health, Environmental and Occupational Health)

Contact Us

*International Journal of
Environmental Research and Public
Health* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijerph
ijerph@mdpi.com
[X@IJERPH_MDPI](https://twitter.com/IJERPH_MDPI)