



Land management accounting inter-correlations among soil erosion risk, cropping suitability and environmental footprint

Guest Editors:

Prof. Dr. Yung-Chieh Wang

Department of Soil and Water
Conservation, National Chung
Hsing University, Taichung City
402, Taiwan

Dr. Li-Chi Chiang

Department of Civil and Disaster
Prevention Engineering, National
United University, Miaoli 36003,
Taiwan

Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editors

Dear Colleagues,

With the world population on the rise, society demands more resources. We are facing the growing problem of food scarcity and security. The goal of this Special Issue is to decipher the inter-correlations among disaster risks under extreme weather events, cropping suitability of environment, and environmental footprints of crops, as well as the collective impacts on land and ecosystems. These inter-correlations can be highlighted with publications of new research findings on the following topics:

1. Analytical advances in measurements of environmental footprint.
2. Theoretical considerations examining effects and solutions to food scarcity and security.
3. Identifying the inter-correlations among disasters, food production, land management, and environmental sustainability.
4. Novel models in measuring the inter-correlations at different spatio-temporal scales.
5. Systematic management for food security, production, and sustainable agriculture.

This Special Issue includes the above topics, but is not limited to, any research related to how we can understand the causes of food scarcity and develop solutions for reaching sustainable agriculture.

Guest Editors

Special Issue





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health
Disparities Research and
Innovation, Richard Dixon
Research Center, Morgan State
University, 1700 E. Cold Spring
Lane, 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. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access 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, St. Alban-Anlage 66
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)