

Special Issue

Human Performance in Extreme Environments

Message from the Guest Editor

Humans must perform in varied environmental conditions including high altitude, as well as high and low temperature. Several physiological, psychological, biological, molecular, and biomechanical systems are involved in the whole-body response to environmental stress. The myriad systems affected add to the complexity of responses and outcomes. Some researchers have worked to optimize the response in a more efficient manner, while others have worked to harness the stress to optimize other aspects of human health, performance, and recovery. This Special Issue of *International Journal of Research and Public Health* (IJERPH) will focus on how humans respond to both acute and chronic exposure to varied environmental conditions. Specifically, aspects of altitude or hypoxia, environmental heat and cold, hot/cold-water immersion, local heating or cooling of tissues, air quality, and other environmental stimuli that disrupt human function are invited. We expect that some submissions will be internally valid laboratory-based research, while others will be externally valid field-based research.

Guest Editor

Dr. Dustin Russel Slivka

School of Health and Kinesiology, University of Nebraska at Omaha,
Omaha, NE 68182, USA

Deadline for manuscript submissions

closed (25 March 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/96011

*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

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

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