



Exercise and Sport in Stressful Conditions and Environments

Guest Editor:

Dr. Christopher Ballmann

Department of Human Studies,
The University of Alabama at
Birmingham, Birmingham, AL
35233, USA

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Message from the Guest Editor

On behalf of *IJERPH*, I am organizing a Special Issue about exercise and sport under stressful conditions. *IJERPH* is a peer-reviewed scientific journal that publishes manuscripts in the interdisciplinary area of environmental health sciences and public health.

It is well established that exercise is an acute stressor to skeletal muscle, cardiopulmonary, and many other organ systems. Based on specific demands/stressors, organisms will adapt to better combat homeostatic disturbances during exercise challenge. Adaptations to exercise are largely influenced by stressful environments and conditions, that have the ability to improve or inhibit adaptations. In this Special Issue, we are looking for original investigations describing how stressful environments/conditions during sport and exercise influence adaptive responses. Below are some examples of topics fitting the scope of this Special Issue for *IJERPH*:

- Exercise during hypoxia/altitude
- Exercise and heat/cold stress
- Exercise and oxidative stress
- Supramaximal exercise
- Exercise and nutrient deprivation
- Exercise and psychological stress





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Editor-in-Chief

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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.

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*International Journal of
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Health* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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