Special Issue

State of the Art in Computational Epidemiology

Message from the Guest Editors

We are organizing a Topical Collection on modern biostatistics and data analysis in the International Journal of Environmental Research and Public Health.

We are witnessing the explosive need for statistical reasoning and the development of analytical strategies that are applicative to studies of human health. These include a broad spectrum of research areas, such as: basic biomedical research, design and analysis of clinical trials, survival analysis, detection and treatment of new or rare diseases, community-based research, decision analysis, systematic reviews and meta-analysis, health technology assessment, and most recently meta-research. In addition, the emergence of biomedical big data, bioinformatics and precision medicine has created new opportunities, but also new challenges for biostatisticians in developing cutting-edge methods and analytical tools. The objective of this Topical Collection is to advance reasoning in biomedical research and application of biostatistics to help understand human health and disease, with the ultimate goal of advancing our ability to draw valid inferences from biomedical data.

Guest Editors

Prof. Dr. Dejana Stanisavljević

Prof. Dr. Nataša Milić

Dr. Aleksandra Ignjatovic

Deadline for manuscript submissions

closed (1 April 2023)

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

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