



## Application of Big Data Analysis to Health Risk Assessment

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 December 2025)**

### Message from the Guest Editor

Big data analysis is becoming an integral aspect of healthcare advancement. Nowadays, big data are becoming available in large volume. However, the proper use of big data raises a number of unanswered questions and thorny issues.

Nevertheless, it is important to correctly address the use of big data in health research as the advantages of such a revolution by far outweigh the disadvantages.

The information from large sets of data and the opportunity to merge data from numerous different sources is the way to holistic inference from the population to the individuals. This inference will answer a number of open scientific questions for health prevention and better healthcare.

For this Special Issue of the *International Journal of Environmental Research and Public Health*, we invite high-quality manuscripts about cutting-edge technologies, methodologies, challenges and scientific evidence about the use of big data for health risk assessment.





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## Editor-in-Chief

**Prof. Dr. Paul R. Ward**

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## 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.

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