



Miniaturized Monitors for Occupational Exposure Assessment

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Message from the Guest Editors

In recent years, a new kind of portable air pollutant monitor has been developed. “Miniaturized Sensors” are generally manufactured using micro-fabrication techniques, allowing them to be compact, lightweight, inexpensive, and energy-efficient, with extremely low-power consumption.

Only a few studies regarding the potential applications of miniaturized sensors for exposure assessment in occupational environments appear in the literature, thus, this Special Issue aims to present original research articles, reviews, and short communications concerning the following:

- Applications and performance evaluation of portable, wearable, or fixed miniaturized monitors in occupational settings;
- Case-studies concerning exposure assessment in occupational settings using miniaturized monitors;
- Design, development, and evaluation of innovative miniaturized monitors conceived and specifically designed for occupational environments.





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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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