

Special Issue

Microtremor Survey: A New Approach to Urban Safety and Environmental Assessment

Message from the Guest Editors

With the rapid urbanization process that is currently ongoing in many countries, hazard prediction and environmental assessment in urban areas have been subjects of increasing concern. To ensure safety in urban development and to avoid potential geological disasters such as road collapses and landslides, it is essential to have a high-resolution geophysical method suitable for the complex urban condition that at the same time is non-invasive and cost-effective. The microtremor survey method (MSM) has proven to be particularly suitable for urban areas. Today, MSM has found wide applications in geological investigation for urban safety, environmental assessment, and energy exploration. MSM can also be used to dynamically monitor subsurface structures for hazard prediction, from recording underground industrial activities to detecting small precursory changes related to natural hazards such as volcanic eruptions, landslides, and earthquakes. This Special Issue will comprise a selection of papers presenting original and innovative contributions in the field of MSM, with a focus on urban safety and environmental assessment.

Guest Editors

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Deadline for manuscript submissions

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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

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