

Special Issue

Urban Ecological Security in the Era of Climate Change

Message from the Guest Editors

Urban areas are one of the primary drivers of economic and social growth, and they also make a significant contribution to global climate change and disaster risk. Meanwhile, climate change has exacerbated stressors on urban eco-environment systems, posing difficulties to urban ecological security, governance systems, and sustainable development. As a result, cities throughout the world are actively responding to natural changes, establishing initiatives to both reduce and adapt to climate change. The important topics of urban ecological security in the era of climate change are as follows: ecological security diagnosis or assessment of urban areas and urban agglomerations; simulation and prediction of ecological risk; early warning and emergency response technologies for ecological risk; remediation and improvement of ecological service functions in climate-fragile areas; trade-offs and synergies of ecosystem services in urban areas and urban agglomerations; resilience of ecological security patterns of urban areas and urban agglomerations; improvement of climate change response mechanisms and governance capabilities. Thus, this Special Issue invites papers on the above topics.

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Deadline for manuscript submissions

closed (30 April 2023)



International Journal of Environmental Research and Public Health

an Open Access Journal
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CiteScore 8.5
Indexed in PubMed



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Environmental Research and
Public Health*
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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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