

Disaster Management

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Dear colleagues,

Climate change has emerged as a pressing global environmental challenge in recent times. Among its consequences, global warming stands out due to its potential impacts on quality of life, the environment, and economic activities such as agriculture and livestock. The majority of regions worldwide have experienced a rise in temperatures. However, studies focusing on extreme temperature events have been limited in certain parts of the world, despite the critical importance of analyzing these thermal changes.

This situation calls for considering disaster management strategies at different temporal and spatial scales. Given that cities accommodate a significant portion of the global population, it is crucial to conduct thorough investigations to enhance the quality of life concerning exposure to extreme climate events, droughts, floods, and the urban heat island effect. While various approaches to disaster management exist, adapting these methods to the local and/or regional context is of utmost importance.

In this regard, we are delighted to announce our Section Collection on "Disaster Management", inviting the entire community to contribute their original work. It is important to note that generating sustainable management plans based on newfound knowledge will be crucial in mitigating changes in ecosystem structure and function and reducing human diseases associated with global warming. We are particularly interested in gathering experiences related to disaster management from different countries, whether they have already been implemented or are planned for the future, and considering their potential impacts. Research articles and reviews in this area are highly encouraged.

We eagerly await your valuable contributions.