



Ambient and Indoor Air Pollution Status in Africa

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Urbanization in Africa is growing at an alarming rate. It is projected that by 2050, more than 950 million people in Africa will be living in cities. Most of this movement is driven by economic and development needs without any specific policy plan by African governments. The resultant environmental challenges presented by this urbanization will be the shift in pollution sources in order to meet energy and transportation requirements. The quantitative combination of biomass burning for heating and cooking and increased traffic will negatively impact indoor and ambient air quality. Poor air quality and its impact on people is ongoing and has not been adequately addressed in Africa for both rural and urban environments. Actions need to be taken now to reduce exposure to local air pollution, and the associated health impacts, to be ready for the future. Hence, the current status of air quality in Africa, future trends, assessment methods, adopted technology, and impact on health are the subject of this Special Issue.





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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

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