

Special Issue

Community-Scale Air Monitoring: Techniques and Practices

Message from the Guest Editor

Air quality data are predominantly gathered at central monitoring stations. However, these measurements prove inadequate for precisely assessing exposures, reliably evaluating public health risks, pinpointing emission sources, or designing effective pollution control strategies. It is recognized that ambient air monitoring programs must have an appropriate balance between regulatory measurements and more flexibility to address local issues that the existing monitoring networks fail to do adequately. Monitoring air quality on a community scale offers numerous advantages for exposure and risk assessments, environmental epidemiology, and pollution control. Moreover, community-scale air monitoring programs can uncover disproportionate exposure to air pollutants within socioeconomically disadvantaged communities, providing evidence of environmental justice (EJ) issues. Community-scale air monitoring has garnered significant attention from scientists, governments, non-profit organizations, and communities. This Special Issue aims to offer these stakeholders a platform to share insights into, findings from, and techniques for community-scale air monitoring practices.

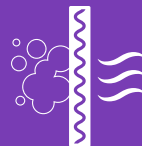
Guest Editor

Prof. Dr. Chunrong Jia

Division of Epidemiology, Biostatistics and Environmental Health,
School of Public Health, University of Memphis, Memphis, TN 38152,
USA

Deadline for manuscript submissions

closed (31 August 2024)



Air

an Open Access Journal
by MDPI



mdpi.com/si/183331

Air
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
air@mdpi.com

[mdpi.com/journal/
air](https://mdpi.com/journal/air)





Air

an Open Access Journal
by MDPI



[mdpi.com/journal/
air](https://mdpi.com/journal/air)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Ling Tim Wong

Department of Building Environment and Energy Engineering, The Hong Kong Polytechnic University, Hong Kong, China

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.9 days after submission; acceptance to publication is undertaken in 12.2 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.