

Special Issue

Real-Time Air Quality Monitoring Systems

Message from the Guest Editors

The World Health Organization (WHO) estimates that air pollution kills seven million people worldwide every year and that 9 out of 10 people breathe air with a concentration of pollutants exceeding its guideline limits. Providing timely, detailed, and accurate information to citizens and government officials about the air they breathe can, therefore, improve health quality. This is an interdisciplinary challenge requiring the joint effort of researchers from computer science, engineering, environment science, health, and other scientific areas.

We are organizing this Special Issue to advance the field of real-time air quality monitoring systems. We invite researchers to submit their work on theoretical and practical aspects of such systems, addressing open problems in sensors, data collection, fusion, and storage systems, privacy, intelligent forecasting and alarming as well as web and mobile applications directed at individuals and organizations for decision support.

Guest Editors

Dr. Catarina Silva

Centre for Informatics and Systems of the University of Coimbra (CISUC), University of Coimbra, 3030-790 Coimbra, Portugal

Prof. Dr. Filipe Araujo

Department of Informatics Engineering, University of Coimbra, 3004-531 Coimbra, Portugal

Deadline for manuscript submissions

closed (31 January 2022)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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