

Special Issue

The Recent Assessment Techniques and Methods of the State of Air Quality and the Causes of its Pollution

Message from the Guest Editors

The current COVID-19 pandemic has pushed problems with air quality into the background. The topic of air quality assessment and the causes of air pollution will undoubtedly remain on the agenda. For such an assessment, it is necessary to measure both the concentrations of pollutants and meteorological variables affecting their transport and dispersion in the atmospheric boundary layer. Air quality monitoring networks are supplemented and thickened by low-cost air quality sensors. Drones, laser ceilometers and Doppler lidars, microwave radiometers and other means of remote sensing enabled the measurement of the profile of meteorological quantities in high temporal and spatial resolution. The content of this Special Issue will be contributions documenting the use of state-of-the-art methods and techniques for measuring and processing of data on the pollutants concentrations and meteorological elements and their synergistic use to detect the causes of deteriorating air quality as well.

Guest Editors

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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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