

Special Issue

Air Quality in Spain and the Iberian Peninsula

Message from the Guest Editors

Important contributions to the study of dust aerosol have taken place in Spain due to unique geographical conditions. This includes dust measurement and detection, modelling, and implications for urban air quality and health effects when dust aerosol interacts with local pollutants. In this Special Issue, we will focus on the state-of-the-art studies on air pollution in Spain and the Iberian Peninsula. The COVID-19 pandemic caused a major change in anthropogenic emission patterns that provided a unique opportunity to study physico-chemical pollutant properties under this altered scenario. Mobility restrictions marked a before-and-after scenario that must be studied in the next years. The journal *Atmosphere* dedicates this Special Issue to present the latest advances in air pollution and air quality studies in southwestern Europe, paying particular attention to the changes caused by the COVID-19 pandemic. The session is open for submissions of original results from field and controlled investigations, modelling, and review papers related to the topics exposed above.

Guest Editors

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Deadline for manuscript submissions

closed (29 May 2023)



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About the Journal

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!

Editor-in-Chief

Dr. Daniele Contini

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