Special Issue

Impacts of Air Pollution in Spain

Message from the Guest Editor

Spain is affected by many of the problems encountered in other European countries, such as elevated concentrations of particulate matter and nitrogen dioxide in urban areas. However, as a result of its geographic position, Spain, along with other Mediterranean countries, has additional burdens of air pollution from elevated tropospheric ozone concentrations, wildfires, emissions from international shipping and transport of dust from the African continent. As in the rest of Europe, air quality in Spain has been improving during recent decades and it is important to quantify the benefits of these and future improvements. The assessment of the impacts of air quality in Spain naturally requires a multi-disciplinary approach, combining air quality models, field measurements, epidemiological studies, integrated assessment models and other state of the art techniques. This special issue welcomes any original work related to the subject of air quality impacts in Spain that makes use of these or other assessment methods.

Guest Editor

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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!

Editor-in-Chief

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