Special Issue

Advances in Integrated Air Quality Management: Emissions, Monitoring, Modelling

Message from the Guest Editors

Air pollution has become an increasingly important environmental issue on a global scale, since the sources that cause poor air quality and are responsible for climate change are common. Both natural and anthropogenic components of air pollution have been long recognized and are continuously being investigated to identify links with local and regional air quality, impact on climate, health and ecosystems, new sources and pollutants as well as links between emissions and air pollution management. This proposal aims at gathering research papers focused on methodologies based on emission inventories classical and novel methodologies, remote and in situ experimental observations, meteorological and climate parameters that affect air pollution, application of chemical transport and/or development of statistical models for forecasting air pollution levels and assisting the monitoring and mapping of air pollution close to major sources or in greater areas.

Guest Editors

Dr. Adrianos Retalis
Dr. Vasiliki Assimakopoulos
Dr. Kyriaki-Maria Fameli

Deadline for manuscript submissions

closed (20 April 2022)

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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

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