# Special Issue

# Opportunities and Challenges in Air Pollution Exposure Assessment

## Message from the Guest Editor

Assessment of air pollution exposures is a critical component of epidemiological studies investigating the associations between air pollution and health effects. We invite you to consider submitting your research for publication in this Special Issue of Atmosphere, focusing on “Opportunities and Challenges in Air Pollution Exposure Assessment”. We encourage contributions on novel approaches to model large-scale exposures, including deterministic, statistical, land use regression and Bayesian models, as well as models exploiting machine learning techniques and hybrid models. Contributions providing new insights into the use of sensors, monitors, and biomarkers for large cohorts and in developing countries are welcome. Research work using mixed methods, questionnaires, and proxies to characterize exposures in challenging settings would be considered. We also invite contributions implementing remote sensing, geographical information systems, information and communications technologies, and use of big data to characterize air pollution exposures.

## Guest Editor

Dr. Juana Maria Delgado-Saborit
Instituto de Salud Global de Barcelona (ISGLOBAL), Barcelona, Spain

## Deadline for manuscript submissions

closed (31 October 2020)

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*Atmosphere*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
atmosphere@mdpi.com

mdpi.com/journal/atmosphere

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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
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

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