Special Issue

Energy and Air Pollution

Message from the Guest Editors

The Energy-Air Pollution nexus is well recognized and has been studied extensively to limit and eventually reduce the direct impact of the exploitation and use of the energy resources on the atmosphere, and indirectly the effects on other "spheres" (biosphere, hydrosphere, etc.). However, many places still face grave challenges related to the unsustainable use of energy resources with the corresponding impact on low air quality. This Special Issue aims to consolidate multidisciplinary research that advances current knowledge on the use of novel approaches to help mitigate the impact of the energy sector on the atmosphere by reducing emissions across its value chain. Studies that explore case studies analysis, scenario modeling, systems integration, technology development and implementation, field intervention, among others, are encouraged. Submissions must demonstrate, quantitatively, the link between energy-related activities and air pollution impacts.

Guest Editors

Prof. Dr. Alberto Mendoza-Domínguez

Escuela de Ingeniería y Ciencias, Tecnologico de Monterrey, Av. Eugenio Garza Sada 2501, Monterrey 64849, Nuevo León, Mexico

Dr. Jose Ignacio Huertas

School of Engineering and Sciences, Tecnologico de Monterrey, Monterrey 32070, Mexico

Deadline for manuscript submissions

closed (20 May 2022)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/100697

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applisci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

