



## Combustion Aerosol

Guest Editor:

**Dr. Andrew May**

Department of Civil,  
Environmental, and Geodetic  
Engineering, The Ohio State  
University, Columbus, OH 43210,  
USA

Deadline for manuscript  
submissions:

**closed (20 December 2020)**

### Message from the Guest Editor

This Special Issue seeks original research articles and review articles encompassing the many different facets of combustion aerosols. We are interested in both laboratory and field measurements, as well as modeling studies ranging from box models to global chemistry–climate models. Source apportionment and remote sensing studies should have a strong connection to combustion aerosols for consideration; similarly, studies focusing on the development of instrumentation or computational tools should include an application to combustion aerosols.

Topics of interest include, but are not limited to, the following:

- Chemical, optical, and/or microphysical characterization of combustion aerosols;
- Secondary aerosol formation and/or evolution of aerosol optical properties due to physicochemical processing of combustion emissions;
- Phase partitioning of primary organic aerosols emitted from combustion sources;
- Atmospheric transport of combustion-related aerosols;
- Health and/or climate effects of combustion aerosols;
- Impact of policy changes on future combustion aerosol emissions.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

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

## 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.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)