

Will your paper be within the scope of Atmospheric Environment?

Because our scope covers broad areas of Atmospheric Science, we have put together some additional information. Please do note the following guidelines when considering Atmospheric Environment for publication of your research:

SOLAR RADIATION:

1. We welcome papers that are primarily focussed on solar radiation and its interactions with aerosol pollution involving properties such as extinction, scattering, absorption and visibility reduction as well as photochemical effects on gas phase chemistry.
2. We **don't cover** papers that discuss effects of aerosol pollution on solar radiation empirically, without any discussion of aerosol chemistry and physics.

RATE CONSTANTS:

We generally exclude theoretical studies, but will **consider well-designed lab studies with key atmospheric implications** (e. g. Gas phase reactions; Smog Chamber studies; SOA and reactions with aerosols).

EMISSIONS STUDIES:

We will consider emission inventory studies that produce data relevant to regional and global scales. Engine emission studies will be considered if they represent fleets of vehicles. Lab based single engine emission studies are out of scope (unless there are advanced measurements or data analysis involved).

FESTIVALS AND EVENTS:

We won't accept papers about short duration (a few days) local festival pollution effects but we will consider studies looking at longer-term events with a geopolitical significance/agenda (i.e. Olympic Games).

DISPERSION MODELLING/WIND TUNNEL STUDIES

If such studies are purely meteorological or CFD calculations with no link to pollution sources or phenomena beyond air flow, they are outside of our scope.

INDOOR AIR

If the research looks at how indoor air quality is somehow related to health concerns and exchanges with ambient air, we will consider it. If the research is only studying specific indoor sources (e. g. carpet or paint emissions) it will be outside of our scope.

HEALTH

We will consider Papers on Health as long as they are demonstrably related to air pollution exposure. Biological studies of air pollution impacts are outside our scope.

AGRICULTURAL STUDIES

If such studies are only important for local air pollution or specific industry we generally won't accept the Paper (unless there are advanced measurements or data analysis involved). Broad relevance to the field is required.

CONVENTIONAL SOURCE APPOINTMENTS (local or even multiple cities)

To be considered these studies must clearly demonstrate real time non-routine measurements and/or develop new source apportionment methodologies.

STANDARD AIR QUALITY MODELLING (EXISTING MODELS)

To be considered this type of work must use validated models and use available observations to further support their novel results.

SATELLITES:

We will accept results from satellite retrieved properties related to aerosol and gas composition. We will not consider papers on the development of retrieval algorithms and associated mathematics.