

Environmental Science

Coronavirus research

The coronavirus pandemic has shaken the world, and the role of environmental scientists, modelers, and engineers, will be integral towards developing sustainable solutions for tackling COVID-19. Knowledge and appreciation of the environmental context is central to understanding transmission of the disease, and we wish to highlight the important steps that the environmental science community is taking to address the global situation. We welcome your research on the topics outlined below:



Submit:
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- Bioaerosols
- Indoor & outdoor transmission
- Atmospheric transport
- Modelling
- Environmental health
- Virus survival in various environmental compartments
- Transmission through waste disposal
- Global environmental impacts resulting from change in human behaviours



Submit:
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- Aerosol and nanoaerosol transmission
- Effects of particle size & influence of the nanoscale
- Antiviral nanomaterials and advanced materials
- Nanomaterial enabled virus sensors



Submit:
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- Wastewater epidemiology
- Wastewater treatment processes
- Viral fate in the urban water cycle
- Disinfection



Submit:
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- Atmospheric transmission
- Indoor & outdoor atmospheric transport
- Atmospheric modelling



Submit:
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- All disciplines related to environmental science - not only chemistry
- Environmental health
- Epidemiology & public health
- Waste recycling and treatment
- Modelling studies
- Policy

All submissions will be subject to initial assessment and peer review as per the usual standards of the journals. Please quote XXCOVIDYY in the "Comments to the Editor" section during the submission process.

Accepted papers will be added to our [Free To Access Coronavirus collection](#) to give maximum visibility for your research