

Special Issue on PM 2.5 Effects on Health

Call for Papers

Fine particles are defined as particles with particle size less than or equal to atmospheric $2\mu\text{m}$ (sometimes less than $2.5\mu\text{m}$, the PM 2.5). PM 2.5 represents content of such particles per cubic meter of air, the higher value of PM 2.5 indicates the more serious air pollution is.

Although fine particulate matter is just a small amount of ingredients in the Earth's atmospheric composition, it can have a great influence on the air quality and visibility. Compared to the bigger particles, fine particles have smaller size and are rich in a lot of toxic and hazardous substances, and besides, their residence time in the atmosphere and transmission distance is longer. Thus PM 2.5 has a greater impact on human health and quality of atmospheric environment. When inhaled excessive number of fine particulate matter, the body's defenses respiratory function can't filter, adhesion, retention them or fine particles deposited in the alveoli but can't be completely removed then they will deposited in the lungs, and thus result in bodily harm from the physical and chemical two dimensions. Physical abnormalities cause pneumoconiosis, chemical (toxic) abnormalities lead to lung cancer.

We noted that the more and more people start to care about effects of PM 2.5 on health, this special issue is aimed at providing researchers a platform to communicate academic achievements of **PM 2.5 Effects on Health**.

In this special issue, we are going to invite front-line researchers and authors to submit original research and review articles that explore *PM 2.5 Effects on Health*.

Before submission authors should carefully read over the journal's Author Guidelines, which are located at [Authors' Guidelines](#). Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at [Paper Submission System](#).

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "*Special Issue- PM 2.5 Effects on Health*" should be chosen during your submission.

According to the following timetable:

Submission Deadline	August 28th, 2013
Publication Date	October, 2013

Editors in Chief

Prof. Kuo-Chen Chou, Gordon Life Science Institute, USA

For further questions or inquiries

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