

عنوان مقاله:

Consequences of Toxic Air Pollutants on Mortality related to COVID-19

محل انتشار:

نهمین همایش مدیریت آلودگی هوا و صدا (سال: 1400)

تعداد صفحات اصل مقاله: 11

نویسندگان:

Masoume Taherian - *Student of Environmental Health, School of Health, Environmental Technology Research Center, AhvazJundishapur University of Medical Sciences, Ahvaz, Iran*

Kiana Mousavion - *Student of Environmental Health, School of Health, Environmental Technology Research Center, AhvazJundishapur University of Medical Sciences, Ahvaz, Iran*

Behzad Fouladi Dehaghi - *Department of Occupational Health, School of Health, Environmental Technology Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran*

Sara Mansourimoghadam - *Student of Environmental Health, School of Health, Environmental Technology Research Center, AhvazJundishapur University of Medical Sciences, Ahvaz, Iran*

Masoumeh Fouladi - *Education research institute, department of education, Khuzestan, Ahvaz, Iran*

Arghavan Afra - *Department of Nursing, School of Nursing, Abadan University of Medical Sciences, Abadan. Iran*

خلاصه مقاله:

Background and objective: Air pollution is one of the biggest problems of today's societies that has different negative effects on various aspects of the environment, human health and other living things that depending on the type of pollutant, duration of exposure and concentration of pollutants, individual health risks, effects of cumulative pollutants and stressors vary. New epidemic of SARS-CoV-2 virus with specific symptoms including fever above 38 ° C, headache, body aches, gastrointestinal symptoms, sore throat and shortness of breath which caused many people around the world to develop acute COVID-19 respiratory syndrome, Created many unpleasant health, social and economic consequences for communities and its members. The aim of this study was estimation of consequences of toxic air pollutants on mortality related to COVID-19. Methods: In this study, first literature was performed with one hundred and sixty-seven articles were retrieved based on Elsevier, Springer, Google Scholar, Web of Science and PubMed databases. In final stage the literature signs a notable mortality related to COVID-19 because of exposure to toxic air pollutants. Results: The results of this study showed that increasing the concentration of pollutants in the air that humans inhale and the duration of exposure to them, which sometimes have severe adverse effects on reducing the capacity of the respiratory system and its proper function will have negative effects on the infection and treatment process of COVID-19 disease. The results of this study also showed that air pollution is one of the most important factors in the transmission of coronavirus due to the presence of aerosols in the respiratory air. Conclusion: According to the results of the study, air pollution has a significant role in the transmission and prevalence of respiratory diseases such as COVID, SARS, MERS and chronic lung diseases.

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1489740>

