



Occupational Exposures along the Life Cycle of Coal

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Message from the Guest Editor

Coal is critical to our world, through its use in providing much-needed affordable electricity and also in building our societies through its use in steel and cement. Apart from the obvious use of coal for combustion and conversion to coke, as mentioned above, both liquification and gasification of coal provide important chemical products. Moreover, coal combustion products (CCPs), e.g., fly and bottom ash, play an important role in concrete production and other building products.

Traditionally, the occupational hazards related to coal are very much focused on the health impact of occupational exposure to coal dust, especially the development of interstitial lung diseases, during excavation (underground and surface mining), and coal handling activities in fueled power stations. However, both inhalation and dermal exposures during the production of coke (coal tar pitch) have also been reported.

This Special Issue aims to showcase the relevance of occupational exposures and associated health risks during the life cycle of coal (from cradle to cradle) and invites critical reviews and research papers that highlight the variety of exposures.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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