



Advanced Technologies on Mine Dust Prevention and Control

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Message from the Guest Editors

Dear Colleagues,

Dust hazard in mines is serious, especially in coal mines. By the end of 2019, China had reported a total of 994,000 cases of occupational diseases, including 889,000 cases of occupational pneumoconiosis, accounting for 90 percent of the total number of cases. In 2019, a new 15,898 cases of occupational pneumoconiosis were reported across the country. Pneumoconiosis is mainly distributed in the mining industry, showing a trend of younger age, covering a wide range of people and causing great potential harm. The medical expenses for the treatment of pneumoconiosis are up to 8 billion yuan every year, making it the most serious occupational disease that harms the physical and mental health of miners.

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