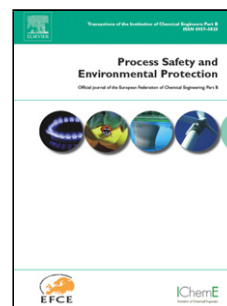


Accepted Manuscript

Title: Information fusion of plume control and personnel escape during the emergency rescue of external-caused fire in a coal mine

Author: Kai Wang Shuguang Jiang Xiaoping Ma Zhengyan
Wu Hao Shao Weiqing Zhang Chuanbo Cui



PII: S0957-5820(16)30113-6
DOI: <http://dx.doi.org/doi:10.1016/j.psep.2016.06.026>
Reference: PSEP 815

To appear in: *Process Safety and Environment Protection*

Received date: 15-1-2016
Revised date: 17-5-2016
Accepted date: 19-6-2016

Please cite this article as: Wang, K., Jiang, S., Ma, X., Wu, Z., Shao, H., Cui, W.Z., ^{Chuanbo}, Information fusion of plume control and personnel escape during the emergency rescue of external-caused fire in a coal mine, *Process Safety and Environment Protection* (2016), <http://dx.doi.org/10.1016/j.psep.2016.06.026>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- 1、 The law of fire smoke parameter spread in the ventilation roadways were simulated.
- 2、 The best and fastest way for miners to escape was simulated by Evac in the mine fire.
- 3、 Fire plume control and personnel escape information fused into one platform.
- 4、 Fire control system providing good conditions for firefighting and personnel escape.

Download English Version:

<https://daneshyari.com/en/article/4980896>

Download Persian Version:

<https://daneshyari.com/article/4980896>

[Daneshyari.com](https://daneshyari.com)