## Accepted Manuscript

Propagation and entrainment of buoyancy-driven flows in a narrow horizontal space and implications for buoyant contaminant transport under natural ventilation

Tao Du, Dong Yang, Haibin Wei, Zhongjie Zhang

PII: S0360-1323(18)30067-2

DOI: 10.1016/j.buildenv.2018.02.001

Reference: BAE 5285

To appear in: Building and Environment

Received Date: 22 October 2017

Revised Date: 1 February 2018

Accepted Date: 1 February 2018

Please cite this article as: Du T, Yang D, Wei H, Zhang Z, Propagation and entrainment of buoyancydriven flows in a narrow horizontal space and implications for buoyant contaminant transport under natural ventilation, *Building and Environment* (2018), doi: 10.1016/j.buildenv.2018.02.001.

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.



## Propagation and entrainment of buoyancy-driven flows in a narrow horizontal space and implications for buoyant contaminant transport under natural ventilation

Tao Du<sup>a,b</sup>, Dong Yang<sup>a,b,\*</sup>, Haibin Wei<sup>a,b</sup>, Zhongjie Zhang<sup>a,b</sup>

<sup>a</sup>Key Laboratory of the Three Gorges Reservoir Region's Eco-Environment, Ministry of

Education, Chongqing University, Chongqing 400045, China

<sup>b</sup>Faculty of Urban Construction and Environmental Engineering, Chongqing University,

Chongqing 400045, China

\*Corresponding author: Tel: (86) 23 65120771; Fax: (86) 23 65120771; Email address: yangdong@cqu.edu.cn; Postal address: Faculty of Urban Construction and Environmental Engineering, Chongqing University, Chongqing, 400045, China Download English Version:

## https://daneshyari.com/en/article/6697899

Download Persian Version:

https://daneshyari.com/article/6697899

Daneshyari.com