

Author's Accepted Manuscript

Factors affecting post-evacuation behaviors following an earthquake: A questionnaire-based survey

Yusuke Koshiba, Yuji Suzuki



www.elsevier.com/locate/ijdr

PII: S2212-4209(18)30518-1
DOI: <https://doi.org/10.1016/j.ijdr.2018.06.015>
Reference: IJDRR928

To appear in: *International Journal of Disaster Risk Reduction*

Received date: 23 April 2018
Revised date: 27 June 2018
Accepted date: 27 June 2018

Cite this article as: Yusuke Koshiba and Yuji Suzuki, Factors affecting post-evacuation behaviors following an earthquake: A questionnaire-based survey, *International Journal of Disaster Risk Reduction*, <https://doi.org/10.1016/j.ijdr.2018.06.015>

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 galley proof before it is published in its final citable 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.

Factors affecting post-evacuation behaviors following an earthquake: A questionnaire-based survey

Yusuke Koshiba ^{a,*}, Yuji Suzuki ^b

^a Department of Materials Science and Chemical Engineering, Faculty of Engineering, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

^b Center for Creation of Symbiosis Society with Risk, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

* Corresponding author Telephone number: +81 45 339 3985 Fax number: +81 45 339 3985

Postal address: 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan, E-mail address: koshiba-yusuke-xm@ynu.ac.jp

Abstract

In order to elucidate the factors that influence the post-evacuation behaviors of university members following an earthquake, this study administered a questionnaire survey to 109 faculty members, graduate students, and undergraduates at a national university in Japan, and investigated the situations in which they were likely to return to their university building. Through face-to-face interviews, the participants were asked to rate the extent to which they would return to their university building, based on 13 situations. The results indicated that they were more likely to return

Download English Version:

<https://daneshyari.com/en/article/7471194>

Download Persian Version:

<https://daneshyari.com/article/7471194>

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