

Accepted Manuscript

Network redesign for efficient crowd flow and evacuation

Lakshay Taneja , Nomesh B. Bolia

PII: S0307-904X(17)30548-6
DOI: [10.1016/j.apm.2017.08.030](https://doi.org/10.1016/j.apm.2017.08.030)
Reference: APM 11942

To appear in: *Applied Mathematical Modelling*

Received date: 23 December 2016
Revised date: 6 August 2017
Accepted date: 22 August 2017

Please cite this article as: Lakshay Taneja , Nomesh B. Bolia , Network redesign for efficient crowd flow and evacuation, *Applied Mathematical Modelling* (2017), doi: [10.1016/j.apm.2017.08.030](https://doi.org/10.1016/j.apm.2017.08.030)



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

- Proposed ways for efficient crowd flow and evacuation during mass gatherings.
- In order to achieve a desired state, network optimization model is presented.
- Model aims at optimal capacity change for efficient flow through network redesign
- Developed model can also help in finding the suitability of a venue for event.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/5470839>

Download Persian Version:

<https://daneshyari.com/article/5470839>

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