## Accepted Manuscript

Mapping sky, tree, and building view factors of street canyons in a high-density urban environment

Fang-Ying Gong, Zhao-Cheng Zeng, Fan Zhang, Xiaojiang Li, Edward Ng, Leslie K. Norford

PII: S0360-1323(18)30114-8

DOI: 10.1016/j.buildenv.2018.02.042

Reference: BAE 5326

To appear in: Building and Environment

Received Date: 8 December 2017

Revised Date: 2 February 2018

Accepted Date: 26 February 2018

Please cite this article as: Gong F-Y, Zeng Z-C, Zhang F, Li X, Ng E, Norford LK, Mapping sky, tree, and building view factors of street canyons in a high-density urban environment, *Building and Environment* (2018), doi: 10.1016/j.buildenv.2018.02.042.

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.



## Mapping sky, tree, and building view factors of street canyons in a high-density urban environment

Fang-Ying Gong <sup>a,b</sup> \*, Zhao-Cheng Zeng <sup>c</sup>, Fan Zhang <sup>d</sup>, Xiaojiang Li <sup>e</sup>, Edward Ng <sup>a,f,g</sup>, Leslie K. Norford <sup>b</sup>

<sup>a</sup> School of Architecture, Chinese University of Hong Kong, Shatin NT, Hong Kong

<sup>b</sup> Department of Architecture, Massachusetts Institute of Technology, Cambridge, MA, USA

<sup>c</sup> Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, CA, USA

<sup>d</sup> Institute of Space and Earth Information Science, Chinese University of Hong Kong, Hong Kong

<sup>e</sup> Senseable City Laboratory, Massachusetts Institute of Technology, Cambridge, MA, USA

<sup>f</sup> Institute of Environment, Energy and Sustainability, Chinese University of Hong Kong, Hong Kong

<sup>g</sup> Institute of Future Cities, Chinese University of Hong Kong, Shatin NT, Hong Kong

\* Corresponding author.

E-mail address: fangying@link.cuhk.edu.hk; gongfy@mit.edu (F.-Y. Gong) Postal address: Rm505, AIT Building, School of Architecture, Chinese University of Hong Kong, Shatin, NT, Hong Kong Tel: +852 3943 6518 Fax: +852 5496 4352 Download English Version:

## https://daneshyari.com/en/article/6697805

Download Persian Version:

https://daneshyari.com/article/6697805

Daneshyari.com