

Accepted Manuscript

Title: Projecting population growth as a dynamic measure of regional urban warming

Authors: Chenghao Wang, Zhi-Hua Wang

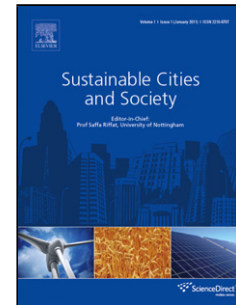
PII: S2210-6707(17)30139-7
DOI: <http://dx.doi.org/doi:10.1016/j.scs.2017.04.010>
Reference: SCS 635

To appear in:

Received date: 13-2-2017
Revised date: 10-4-2017
Accepted date: 20-4-2017

Please cite this article as: Wang, Chenghao., & Wang, Zhi-Hua., Projecting population growth as a dynamic measure of regional urban warming. *Sustainable Cities and Society* <http://dx.doi.org/10.1016/j.scs.2017.04.010>

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.



Projecting population growth as a dynamic measure of regional urban warming

Chenghao Wang, Zhi-Hua Wang* zhwang@asu.edu

School of Sustainable Engineering and the Built Environment, Arizona State University, Tempe, AZ

85287, USA

* Corresponding author: Tel: +1-480-727-2933; Fax: +1-480-965-0557

Highlights

- An operative model is developed for predicting urban warming by population growth.
- Scaling of the population model is driven by a portfolio of socioeconomic factors.
- The proposed statistical model is tested in details in Phoenix metropolitan.
- The urban warming-population correlation is informative for urban sustainability

Download English Version:

<https://daneshyari.com/en/article/4928018>

Download Persian Version:

<https://daneshyari.com/article/4928018>

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