

Accepted Manuscript

Research papers

Simulation and assessment of urbanization impacts on runoff metrics: insights from landuse changes

Yongyong Zhang, Jun Xia, Jingjie Yu, Mark Randall, Yichi Zhang, Tongtiegang Zhao, Xingyao Pan, Xiaoyan Zhai, Quanxi Shao

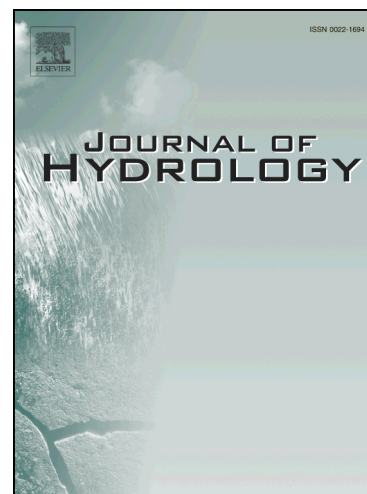
PII: S0022-1694(18)30197-5
DOI: <https://doi.org/10.1016/j.jhydrol.2018.03.031>
Reference: HYDROL 22664

To appear in: *Journal of Hydrology*

Received Date: 21 January 2018
Revised Date: 11 March 2018
Accepted Date: 12 March 2018

Please cite this article as: Zhang, Y., Xia, J., Yu, J., Randall, M., Zhang, Y., Zhao, T., Pan, X., Zhai, X., Shao, Q., Simulation and assessment of urbanization impacts on runoff metrics: insights from landuse changes, *Journal of Hydrology* (2018), doi: <https://doi.org/10.1016/j.jhydrol.2018.03.031>

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.



Simulation and assessment of urbanization impacts on runoff metrics: insights from landuse changes

Yongyong Zhang^{1,*}, Jun Xia², Jingjie Yu¹, Mark Randall³, Yichi Zhang¹, Tongtiegang Zhao⁴, Xingyao Pan⁵, Xiaoyan Zhai⁶ and Quanxi Shao⁷

¹Key Laboratory of Water Cycle and Related Land Surface Processes, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, 100101, China

²State Key Laboratory of Water Resources & Hydropower Engineering Sciences, Wuhan University, Wuhan 430072, China

³Department of Geosciences and Natural Resources Management, University of Copenhagen, Frederiksberg K, Denmark

⁴Department of Infrastructure Engineering, The University of Melbourne, Victoria, Australia.

⁵Beijing Water Science and Technology Institute, Beijing 100048, China.

⁶China Institute of Water Resources and Hydropower Research, Beijing 100038, China.

⁷CSIRO Data 61, Private Bag 5, Wembley, Western Australia 6913, Australia

Corresponding author: Y.Y. Zhang (zhangyy003@igsnr.ac.cn)

Download English Version:

<https://daneshyari.com/en/article/8894771>

Download Persian Version:

<https://daneshyari.com/article/8894771>

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