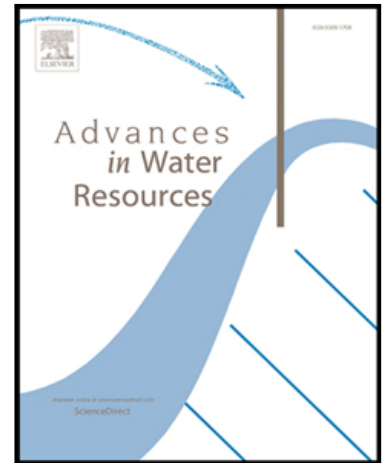


## Accepted Manuscript

Numerical modeling of open channel flow with suspended canopy

Fang Zhao , Wenxin Huai , Dan Li

PII: S0309-1708(16)30321-9  
DOI: [10.1016/j.advwatres.2017.05.001](https://doi.org/10.1016/j.advwatres.2017.05.001)  
Reference: ADWR 2841



To appear in: *Advances in Water Resources*

Received date: 8 August 2016  
Revised date: 1 May 2017  
Accepted date: 2 May 2017

Please cite this article as: Fang Zhao , Wenxin Huai , Dan Li , Numerical modeling of open channel flow with suspended canopy, *Advances in Water Resources* (2017), doi: [10.1016/j.advwatres.2017.05.001](https://doi.org/10.1016/j.advwatres.2017.05.001)

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**

- Delft3D-FLOW module was employed to simulate open channel flow with suspended canopy.
- Bottom friction significantly affects the flow characteristics for suspended canopy.
- Spatial evolution of the mixing layer was researched.
- We examine the influence of suspended canopy thickness and density on open channel flow.

Download English Version:

<https://daneshyari.com/en/article/5763712>

Download Persian Version:

<https://daneshyari.com/article/5763712>

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