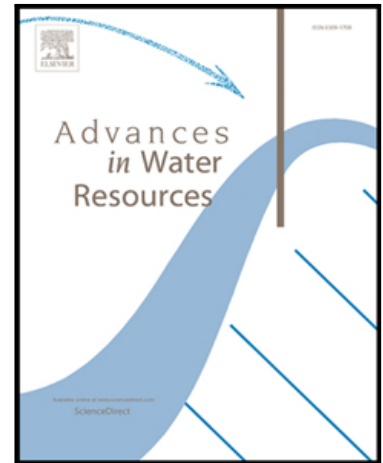


Accepted Manuscript

Evaluating Drywells for Stormwater Management and Enhanced Aquifer Recharge

Salini Sasidharan , Scott A. Bradford , Jiří Šimůnek , Bill DeJong ,
Stephen R. Kraemer

PII: S0309-1708(17)31109-0
DOI: [10.1016/j.advwatres.2018.04.003](https://doi.org/10.1016/j.advwatres.2018.04.003)
Reference: ADWR 3123



To appear in: *Advances in Water Resources*

Received date: 27 November 2017
Revised date: 26 March 2018
Accepted date: 7 April 2018

Please cite this article as: Salini Sasidharan , Scott A. Bradford , Jiří Šimůnek , Bill DeJong ,
Stephen R. Kraemer , Evaluating Drywells for Stormwater Management and Enhanced Aquifer
Recharge, *Advances in Water Resources* (2018), doi: [10.1016/j.advwatres.2018.04.003](https://doi.org/10.1016/j.advwatres.2018.04.003)

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

- Falling-head infiltration experiments were conducted on two drywells located in California.
- HYDRUS (2D/3D) was modified with a new Reservoir Boundary Condition that accounts for the drywell's complex geometry.
- Effective soil hydraulic properties (saturated hydraulic conductivity and shape parameter) were estimated via inverse optimization of the falling head data.

*Corresponding Author

Salini Sasidharan

Phone: +951-369-4805

Email: salinis@ucr.edu

Download English Version:

<https://daneshyari.com/en/article/8883296>

Download Persian Version:

<https://daneshyari.com/article/8883296>

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