

Accepted Manuscript

A Stochastic Framework for Reliability and Sensitivity Analysis of Large Scale Water Distribution Networks

H.A. Jensen, D.J. Jerez

PII: S0951-8320(17)31445-X
DOI: [10.1016/j.res.2018.04.001](https://doi.org/10.1016/j.res.2018.04.001)
Reference: RESS 6120



To appear in: *Reliability Engineering and System Safety*

Received date: 13 December 2017
Revised date: 29 March 2018
Accepted date: 1 April 2018

Please cite this article as: H.A. Jensen, D.J. Jerez, A Stochastic Framework for Reliability and Sensitivity Analysis of Large Scale Water Distribution Networks, *Reliability Engineering and System Safety* (2018), doi: [10.1016/j.res.2018.04.001](https://doi.org/10.1016/j.res.2018.04.001)

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

- Reliability and sensitivity analysis of real water distribution networks has been presented
- The stochastic framework can handle large scale systems
- Different types of analyses can be performed within the stochastic framework
- Valuable insight into the effect of uncertainty on the network reliability can be obtained

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7195132>

Download Persian Version:

<https://daneshyari.com/article/7195132>

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