

Accepted Manuscript

A Bayesian Kernel Approach to Modeling Resilience-Based Network Component Importance

Hiba Baroud , Kash Barker

PII: S0951-8320(16)30956-5
DOI: [10.1016/j.ress.2017.09.022](https://doi.org/10.1016/j.ress.2017.09.022)
Reference: RESS 5960



To appear in: *Reliability Engineering and System Safety*

Received date: 7 December 2016
Revised date: 9 August 2017
Accepted date: 30 September 2017

Please cite this article as: Hiba Baroud , Kash Barker , A Bayesian Kernel Approach to Modeling Resilience-Based Network Component Importance , *Reliability Engineering and System Safety* (2017), doi: [10.1016/j.ress.2017.09.022](https://doi.org/10.1016/j.ress.2017.09.022)

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

- We develop a Bayesian kernel approach to model the probability distribution of a component importance measure
- Component importance measures relate to community resilience
- We apply the approach to study locks and dams along the Mississippi River Navigation System

Download English Version:

<https://daneshyari.com/en/article/7195294>

Download Persian Version:

<https://daneshyari.com/article/7195294>

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