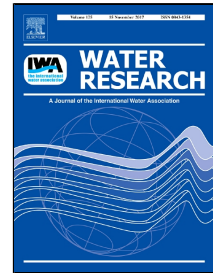


# Accepted Manuscript

Development of Genetic Programming-Based Model for Predicting Oyster Norovirus Outbreak Risks

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PII: S0043-1354(17)30869-2  
DOI: 10.1016/j.watres.2017.10.032  
Reference: WR 13289  
To appear in: *Water Research*  
Received Date: 15 May 2017  
Revised Date: 03 October 2017  
Accepted Date: 16 October 2017

Please cite this article as: Shima Shamkhali Chenar, Zhiqiang Deng, Development of Genetic Programming-Based Model for Predicting Oyster Norovirus Outbreak Risks, *Water Research* (2017), doi: 10.1016/j.watres.2017.10.032

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**Highlights**

- Environmental conditions were found to be the major cause of oyster norovirus outbreaks
- The environmental conditions can be described with six environmental variables
- A risk-based model was developed for predicting oyster norovirus outbreaks
- Sensitivity and specificity of the model were 78.53% and 88.82%
- The paper offered new insights into oyster norovirus outbreaks in terms of source, sink, cause, and predictors

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