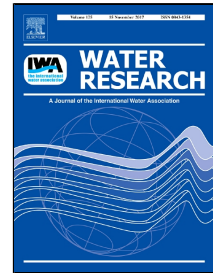


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Development of Genetic Programming-Based Model for Predicting Oyster Norovirus Outbreak Risks

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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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