1135-92-2325 **Yanyu Xiao***, 4199 French Hall West, 2815 Commons Way, Cincinnati, OH. *Risk assessments on eradication of aquatic invasive species.*

In the work, we evaluate the performance of machine learning approaches for predicting successful eradication of aquatic invasive species and assess the extent to which eradication of an invasive species depends on the various specific ecological features of the target ecosystem and/or features that characterize the planned intervention. (Received September 25, 2017)