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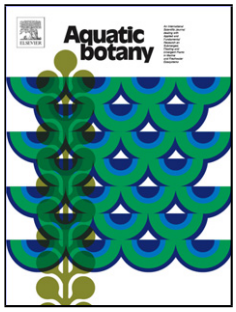

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ACCEPTED MANUSCRIPT

Submerged Aquatic Vegetation, Topography and Flow Characteristics in the Upper, Tidal Hudson River:

Progress Toward a Predictive Habitat Model

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Highlights

- Multinomial logistic regression model mapped SAV habitat with roughly 90% accuracy.
- The model suggests equal physical control over species-specific SAV distribution.
- Model provides evidence for a spatial refuge for native species from invasive species.

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